

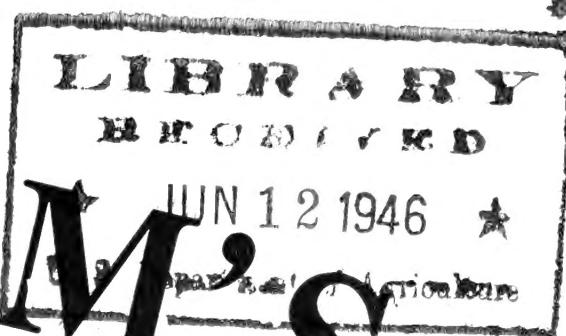
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62-27

RANSOM'S
1946
CATALOG



EVERGREENS



**SEEDS BULBS
SUBSTANCES**

The Beautiful Silver Fir, (see page 12)

RANSOM NURSERY
GENEVA - OHIO

GIRARD BROTHERS, Proprietors

For Evergreens, Lawns, Gardens, Seed Beds

BEAVER PEAT HUMUS

Beaver peat is of a rich dark brown color. Centuries of time were required to make it. Years of growth of ferns, mosses, grasses and fibrous plants, falling and decaying, aided by nature, completed the task of forming it. In beaver peat you get America's finest garden soil organic. A humus source that gives life-giving properties to soils the moment you dig it in—that retains its identity in the soil for many years. It is not to be compared with or confused with muck.

Valuable for Evergreens. When young seedlings or transplants go to the field, place a small handful of wet peat over the roots, then cover with earth. This practically insures the life of the tree when dry weather comes later in the summer. Half a shovelful placed around the roots of larger evergreens is of great benefit. Azaleas, Ilex, Kalmia, Leucothoe, Mahonia Rhododendron, all thrive with peat around their roots.

Mulching or Top Dressing. Cover all perennial beds with from one to two inches of Beaver Peat. Evergreens, ferns, lillies, rhododendrons, etc., may be covered up to three inch depth if found necessary.

For Flower and Vegetable Beds. Beaver Peat is used with fine results in vegetable gardens and flower beds by working into the soil such quantities as are necessary to make the soil soft and pliable.

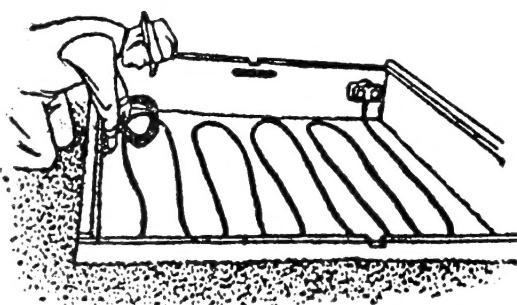
Lawn Covering. Apply Beaver Peat, to a depth of one-fourth inch thick, late in the autumn or in the spring. The grass will come up through, leaving a good humus, which will help keep your lawn from burning. Spotty lawns can be cured—old lawns can be rejuvenated, new lawns can be assured long years of health and beauty.

No Weed Seed. Beaver Peat contains no weed seed, fungi or other impurities, is dehydrated and pulverized thus making it exempt from Japanese Beetle quarantine. In reaction it is very slightly acid with high organic matter content.

Domestic Peat shipped direct from the pits in Ohio.

1 — 100 lb. bag	\$ 1.80
2 — 100 lb. bags.....	3.40
5 — 100 lb. bags.....	8.00
10 — 100 lb. bags.....	14.00
20 — 100 lb. bags.....	26.00

Order early, then you will have it when needed. Should be shipped by freight. Bags weigh about 100 pounds each.

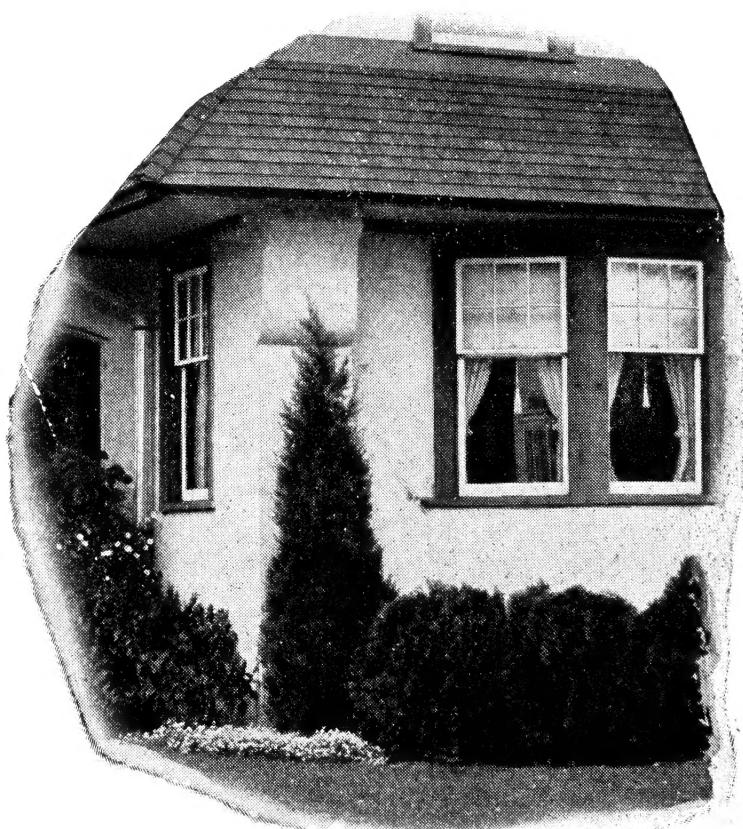


HOTBED KITS

Many of our customers do not know we have one of the finest hotbed kits made.

No. 10—Home gardener's kit, for 3x6 hotbed. Contains 40 feet of 200 watt insulated cable, 500 watt 115 volt AC thermostat with a connector plug for attaching to outlet, pilot light and control knob for setting temperature. Set of instructions. Protects 3x6 sashes against frost. Postpaid \$5.65.

No. 20—For 6x6 hotbed. Contains 80 feet of 400 watt insulated electric cable, one 500 watt thermostat as outlined above, set of instructions. Protects six 3x6 sashes against frost. Easy to install. Postpaid \$7.25.



Evergreens make an ideal foundation planting

PLEASE NOTE

ORDER EARLY

Please order early this year if it is possible to do so. Unlike other things you buy, trees should be ordered in advance — long before the shipping time is best. Why? Because a whole year's shipments come in a few months' time. There is never enough help. Shipments are scheduled long in advance. Order now; we will ship at proper time later.

RANSOM SERVICE

Packing Costs. Some nurserymen make an extra charge of 10 per cent for packing costs, and for larger evergreens from 15 to 25 per cent of the cost. Bear this in mind in price comparisons. We supply high quality stock. Ransom trees are grown where they grow best, by specialists who have the soil, and who know how to grow and pack trees. We send you no bills for packing charges. Unless noted, all seedlings and transplants are shipped by mail postpaid.

CUTTINGS

These are tips from branches rooted in sand. Averaging from 4 to 8 inches long. Cuttings come always true to its parents in color and growth. A little care will make very fine specimens. Most selected specimens can only be made by cuttings. This is a cheap way to get started with some very fine varieties.

Culture. Cuttings can be planted in beds same as seedlings. Prepare soil with Peat humus, give plenty of moisture until roots take hold. We plant ours in $2\frac{1}{4}$ inch pots, then place these in cold frames. The following spring these are put out in the field rows.

SEEDLINGS

Best planted in beds for one year in a good mixture of soil and peat. Plant in rows so that these can be worked around easily with a hoe or cultivator. Use lath shade with one inch spacing. Keep well moistened until roots take hold.

TRANSPLANTS

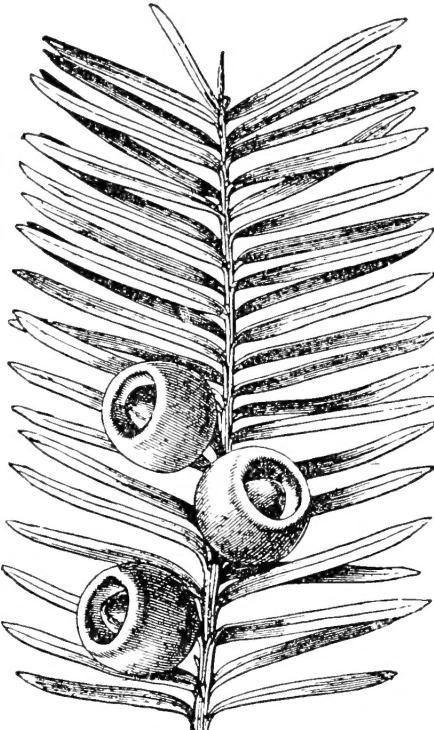
The growing of young evergreens is one of the most fascinating features of home garden planting. The initial cost is small. The trees will rapidly increase in size and value when given clean culture. They are planted both spring and fall. Plant in rows where they can be cultivated, and hoed, and when older transplant to permanent places. First prepare the soil as for a garden, and place fine top soil around the roots. If soil is a hard clay, place a handful of peat around the roots of each tree. When trees are young, specially the first season, keep cultivator going.



JAPANESE YEWS



Spreading Japanese Yew

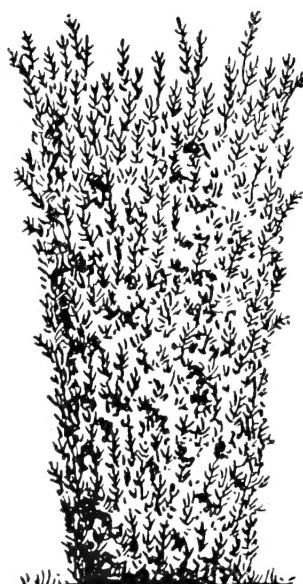


Yew Foliage

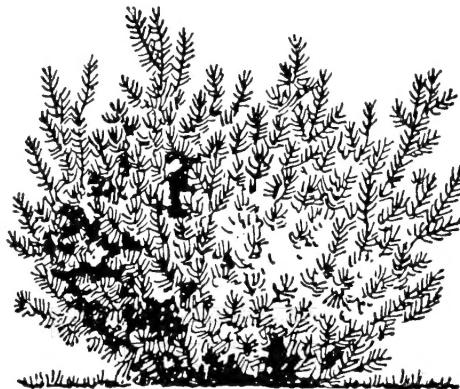
Yews are strictly ornamental and have a wide range of uses. Best for shady spots. Foliage is rich and attractive. The coldest winters or the bitterest of winds never injure their foliage. Best subject for hedges. If not allowed to suffer from dry weather, development is rapid.



Hick's Yew



Hatfield Yew



Dwarf Japanese Yew



Upright Japanese Yew

Japanese Yews have in recent years rapidly attained the position of first importance among the Evergreens. In an effort to provide the trade with Evergreens in greatest demand, we have developed a stock of the various forms, several of which are illustrated on this page. Further illustrations and full descriptions are given on the following page. All of these forms are strictly hardy, strong, vigorous growers which we can recommend to our customers.



SPREADING JAPANESE YEW
(*Taxus cuspidata*)



UPRIGHT JAPANESE YEW
(*Taxus cuspidata capitata*)

TAXUS - YEWS

HEAVY PRUNED TREES—From Field Rows, Balled and Burlapped

Taxus Brevifolia Nana (Dwarf Yew).....	12-16 inch	\$4.00	Dwarf bushy.
Taxus Cuspidata (Japanese Spreading).....	15-18 inch	4.00	Bushy and low spreading.
Taxus Capitata (Japanese Upright).....	15-18 inch	4.00	Pyramid type.
Taxus Intermedia (Intermedia Yew).....	15-18 inch	4.00	Medium spreader.
Taxus Hatfieldi (Hatfield Yew).....	15-18 inch	4.00	Broad pyramidal.
Taxus Hicksi (Hick's Yew).....	15-18 inch	4.00	Narrow upright.
Taxus Andersoni (Anderson's Yew).....	15-18 inch	4.00	Graceful spreading branches.
All above specimens F.O.B. Geneva.			

TRANSPLANTED TREES

	Size	5	10	25	Size	5	10
Spreading Japanese Yew.....	6- 9 inch	\$2.50	\$4.50	\$10.50	10-12 inch	\$4.25	\$8.00
Upright Japanese Yew.....	5- 8 inch	2.50	4.50	10.50	10-12 inch	4.25	8.00
Hatfield Yew.....	6-10 inch	2.80	5.00	11.50	10-12 inch	4.25	8.00
Hicks Yew.....	6-12 inch	2.80	5.00	11.50	10-12 inch	4.25	8.00
Intermedia Yew.....	6-10 inch	2.80	5.00	11.50	10-12 inch	4.50	8.50
Andersoni Yew.....	6-10 inch	2.80	5.00	11.50	10-12 inch	4.50	8.50
Brevifolia Yew.....	5- 8 inch	2.80	5.00	11.50	8-12 inch	4.25	8.00

These trees are all postpaid. When ordering less than 5 of a kind, add 5 cents each.

ROOTED CUTTINGS—On all above varieties, 4-8 inch, 10 for \$2.20, 25 for \$5.25, 50 for \$10.00. All postpaid.

Wheaton, Ill., June 16, 1945.
Ransom Nursery, Geneva, Ohio.

Gentlemen:—We received a grand order of evergreens from you this spring which are doing splendidly. Sincerely,

Mrs. Marguerite Joseph, R 1, Box 153A.

South Holland, Ill., April 2, 1945.
Ransom Nursery, Geneva, Ohio.

Gentlemen:—Received the evergreens and peat. Trees arrived in good condition. The Scotch Pine were exceptionally nice. Thank you.

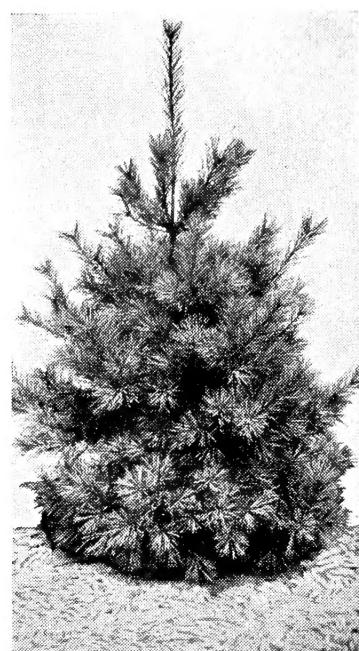
Judd Brown.



SCOTCH PINE
(*Pinus sylvestris*)



AUSTRIAN PINE
(*Pinus Nigra*)



WHITE PINE
(*Pinus strobus*)

THE PINE FAMILY (*Pinus*)

Pines are widely planted everywhere. All pines are hardy. Many of the species are valuable for wood, fuel, reforestation, wind-breaks, soil erosion prevention. Mugo is the main dwarf ornamental species.

Banksiana (Jack) — Makes quick dense windbreaks. Grows on poor soil. Picturesque tree. Native of the West.

Austrian (Nigra) — Sturdy, upright tree of compact symmetrical growth.

White Pine (Strobus) — Soft bluish green needles. Fine timber species.

Scotch (Rigensis) — Fine timber, windbreak and Christmas tree planting.

American Red or Norway — Deep green all year. Best of all Pines for timber and Christmas tree planting. Produces valuable wood and fuel. Grows fast.

Japanese Red Pine (Pinus Densiflora) — A deep green hardy Pine with long fine needles, similar in many ways to American Red Pine. Responds unusually well to shearing and can be pruned into dense compact specimens.

	Size	25	100	500	1000
American Red Pine.....	4- 6 inch seedlings	\$1.30	\$ 4.25	\$20.00	\$32.00
American Red Pine.....	4- 7 inch transplants	3.00	10.00	40.00	70.00
American Red Pine.....	10-14 inch transplants	5.00	18.00	80.00	140.00
Austrian Red Pine.....	5- 7 inch seedlings	2.00	6.50	25.00	40.00
Jack Pine.....	6- 8 inch seedlings	1.30	4.25	20.00	32.00
Jack Pine.....	5- 8 inch transplants	3.00	10.00	40.00	70.00
Japanese Red Pine.....	18-24 inch seedlings	5.00	16.00	70.00	125.00
Western Yellow Pine.....	5- 7 inch seedlings	1.30	4.25	20.00	32.00
Western Yellow Pine.....	10-14 inch transplants	5.00	18.00	80.00	140.00
White Pine.....	3- 5 inch seedlings	1.30	4.25	20.00	32.00
White Pine.....	4- 6 inch transplants	3.00	10.00	40.00	70.00
White Pine.....	8-10 inch transplants	5.00	18.00	80.00	140.00
Scotch Pine.....	6- 8 inch seedlings	2.00	6.50		

NOTE—250 at 500 rate; 750 at 1000 rate. Lots of 25 and 100, postpaid. Larger quantities shipped express F.O.B. affiliated nursery.

WINDBREAK PINES—SPECIAL

Transplanting 3 to 4 foot pine is quite a shock to the trees as they do not have a root system like other evergreens. Young pines take hold easily and begin at once to grow rapidly. Young pines are far the best to plant. Transplanted once from seedling to field beds.

White Pine	12 to 16 inch
Norway (American Red)	18 to 24 inch
Scotch Pine	16 to 20 inch
Austrian Pine	12 to 18 inch

Price—10 for \$5.00, 25 for \$11.25, 50 for \$20.00, by express. Orders cannot be accepted for less than 5 trees of a kind. F.O.B. Geneva.



ENGELMANN SPRUCE
(*Picea engelmanni*)



COLORADO BLUE SPRUCE
(*Picea pungens glauca*)



BLACK HILL SPRUCE
(*Picea canadensis albertiana*)

SPRUCE - (*Picea*)

Spruce are unsurpassed for their ornamental qualities. They are conical or pyramidal evergreens of great hardiness and usefulness. Widely used for ornamental, forestry and windbreak planting.

White Spruce—Makes a more dense Christmas tree than Norway, and grows just as fast. Closely related to Black Hills. Fine also for windbreak and forestry planting.

Black Hills Spruce—Very compact, deep bluish-green foliage, best Spruce for dry country planting. Also the best Spruce for planting in yards as it stays small for many years and is highly ornamental. Often used in window boxes when young because of its early dense, shapely habit. We know of no better table Christmas tree.

Engelman Spruce—Steel blue foliage. Has slender pyramidal branches which form a dense, narrow pyramid. Rapid growing. Most valuable tree for forestry planting, background use, ornamental purposes. Its blue color comes in the winter and makes this tree command a premium price among Christmas buyers.

Norway Spruce—Norway has been more widely used for Christmas tree planting and for windbreaks than any other species. Norway in seedlings will be in limited supply for some time.

Colorado Blue Spruce—One of the handsomest native trees growing in the Rocky Mountains. Use this tree for background and individual specimen planting. Trees grow quite slowly when young, but when six or seven years old after becoming established in a new planting grow surprisingly fast. The fine blue color comes as the trees get older. Prefer heavy soil.

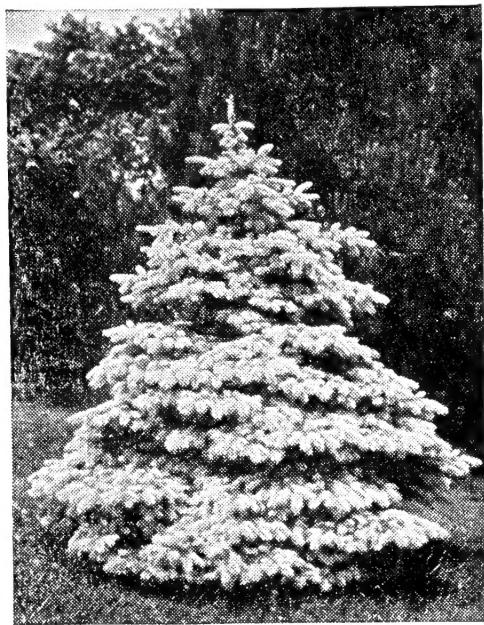
Black Spruce—A rapid growing tree, suitable for Christmas trees and dense forestry.

Koster Blue Spruce—Strictly ornamental, probably the most in demand of any spruce due to its spectacular color. Made by grafts only. Silvery blue.

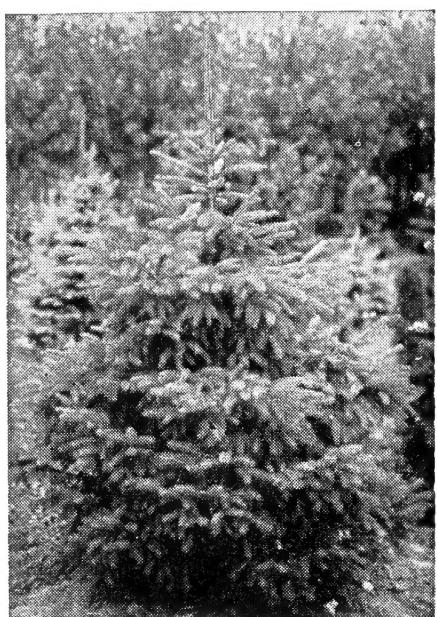
Morheim Spruce—Another ornamental, a darker shade of blue than Koster. Makes a very fine specimen and in very much demand. Stock on these two is very scarce.



HICK'S YEW
(*Taxus media hicksii*)
See description, page 3



KOSTER BLUE SPRUCE
(*Picea pungens kosteriana*)



WHITE SPRUCE
(*Picea glauca*)



NORWAY SPRUCE
(*Picea excelsa*)

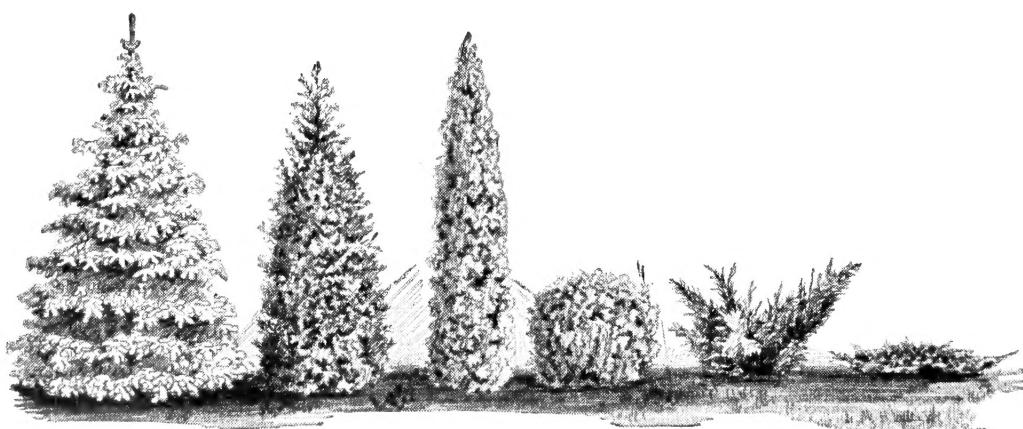
SPRUCE SEEDLINGS and TRANSPLANTS

	Size	25	100	500	1000
White Spruce.....	5- 7 inch seedlings	\$1.50	\$ 5.00	\$19.50	\$35.00
White Spruce.....	4- 8 inch transplants	3.00	10.00	40.00	75.00
White Spruce.....	10-14 inch transplants	6.00	20.00		
White Spruce.....	12-16 inch transplants	7.00	25.00		
Black Spruce.....	3- 5 inch seedlings	1.50	5.00	18.00	35.00
Black Spruce.....	8-12 inch transplants	5.00	18.00	66.00	
Black Spruce.....	12-18 inch transplants	5.75	19.00	75.00	140.00
Norway Spruce.....	8-12 inch transplants	5.50	19.00	75.00	
Norway Spruce.....	12-16 inch transplants	6.00	21.00	95.00	
Norway Spruce.....	18-20 inch transplants	7.50	28.00	100.00	
Colorado Blue Spruce.....	4- 6 inch seedlings	2.25	6.50	27.00	45.00
Colorado Blue Spruce.....	3- 5 inch transplants	3.00	10.00	40.00	75.00
Colorado Blue Spruce.....	4- 8 inch transplants	3.50	12.00	50.00	90.00
Colorado Blue Spruce.....	10-14 inch transplants	6.00	20.00		
Black Hills Spruce.....	3- 6 inch seedlings	2.50	7.50	32.50	60.00
Black Hills Spruce.....	8-12 inch transplants	5.00	19.00	80.00	150.00
Black Hills Spruce.....	10-14 inch transplants	6.00	21.00	95.00	170.00
Engelmann Spruce.....	3- 5 inch transplants	3.25	10.00	45.00	80.00

250 at 500 rate, 750 at 1000 rate.

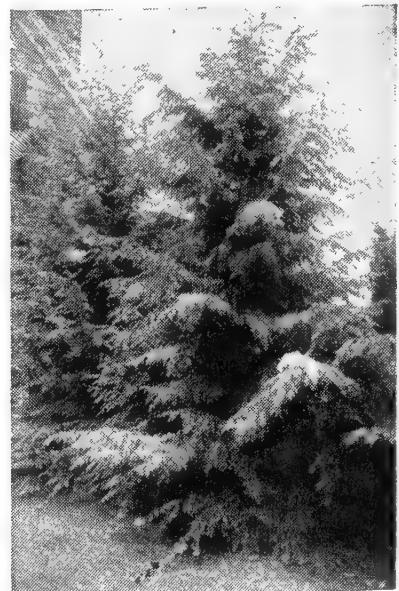
Postpaid on lots of 25 to 100. Larger lots F.O.B. Wisconsin.

Koster Blue Spruce.....	8-10 inch 2 yr. Bedded Grafts	\$1.50 each, 10 for \$15.00
Morheim Blue Spruce.....	8-10 inch 2 yr. Bedded Grafts	1.50 each, 10 for 15.00
Koster Blue Spruce.....	12-18 inch 3 yr. Field Grown	3.00 each, 10 for 29.00
Morheim Blue Spruce.....	12-18 inch 3 yr. Field Grown	3.00 each, 10 for 29.00





MUGHO PINES ALONG AN ENTRANCE WALK

CANADA HEMLOCK
(*Tsuga canadensis*)

Mugho *Compacta* Pine

Ransom Mugho Pine is grown from a selected strain of seed which produces the true, many stemmed, low branched, dwarf type. The color is a deep green summer and winter. Mugho seldom grows over 4 to 5 feet tall even if never pruned, but spreads out. If sheared annually it can be kept as small as desired. Shearing produces a thick dense foliage, as thick and as green as a bluegrass lawn. Mugho does well in shade growing on the north side or shady side of a building without getting ragged. Without question the outstanding dwarf evergreen for all-around uses. In the spring when the new needles come they are beautiful. Especially adapted for planting in front of taller evergreens, entrances to walks, low informal hedges, and on terraces.

For Specimen Planting	Each	4 for
About 8x8 inch spread.....	\$1.25	\$4.50
About 10x10 inch spread.....	2.00	7.00
About 12x12 inch spread.....	2.50	9.50
About 15x15 inch spread.....	3.25	12.00
About 18x18 inch spread.....	4.25	16.00

Balled in earth and peat, packed in waterproof Kraft. F.O.B. Geneva.

Young Mughos to Plant in Your Garden

Line these out 18 inches apart and they will soon develop into little trees. In about one year you will have trees 8x8 inch size. Often they should be pruned back before you set them out. This pruning can be done then or later. If flat specimens are wanted prune low. In shipping orders we often prune one tree for a sample and mark it.

Mugho Pine Transplants—4 to 6 inches, 10 for \$2.00; 25 for \$4.50, postpaid. By express, 50 for \$8.00, 100 for \$15.00.

Note—These are real bargain prices on Mughos. If you doubt it, consult other catalogues. Our Mughos are as good as any grown anywhere. Seedlings not available.

Young Canadian Hemlock Trees

Most graceful of all evergreens is the title often bestowed on the Hemlock. Its long branches droop gracefully to the ground. Needles are soft and delicate. Does well in full sun or half shade, but prefers a rather moist place, a little sheltered from sweeping winds and partial shade. We secure our Hemlock seed from the far North securing a hardy, superior type. Do not confuse our Canadian Hemlock with the Hemlock species found growing wild in Tennessee.

Seedlings—3-8 inch, 10 for \$1.30, 25 for \$2.50, 100 for \$8.50, 1000 for \$80.00.

Transplants—4-8 inch, 10 for \$2.00, 25 for \$3.75, 100 for \$14.00, 1000 for \$120.00, postpaid.

Sheared Specimens—BB, 18-24 inch, \$3.25 each, 10 for \$30.00; 24-36 inch, BB, \$4.50 each, 10 for \$40.00.

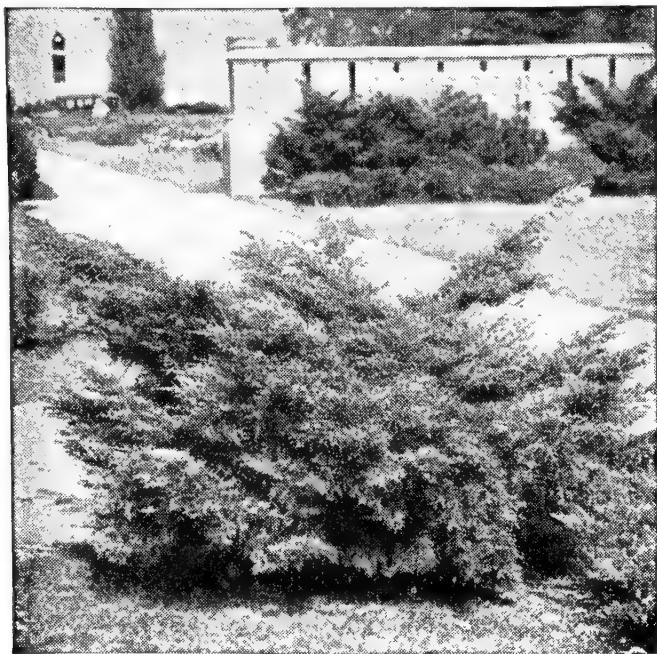
HEMLOCK SPECIAL

100 seedling, 3-8 inch; 100 transplants, 4-8 inch; one 18-24 inch specimen. Value \$25.75. All for \$22.00. Shipped by express.

Warren, Ohio, April 6, 1945.
Ransom Nursery, Geneva, Ohio.

Gentlemen:—The trees arrived in good shape. They are better than I expected. I am very much pleased with all of them. You have my best recommendations when it comes to evergreens. Yours truly,

Harold J. Sage, 658 Vine Street.



PFITZER JUNIPER
(*Juniperus chinensis pfitzeriana*)



SAVIN JUNIPER
(*Juniperus sabina*)

THE JUNIPER FAMILY

The Juniper family are all ornamental. The upright forms make beautiful specimens and the lower growing varieties are used for ground covers. Junipers are mostly propagated from cuttings and some of the rarer forms by grafting.

SAVIN—Spreading, vase-like, about 2 feet high. Makes fine specimens.

Transplants—2-4 in., 10 for \$1.25, 25 for \$3.00, 100 for \$11.00.

Transplants—4-6 in. These are 5 year old plants ready to grow into fine specimens. 10 for \$2.25, 25 for \$5.25, 100 for \$19.00.

Specimens—18-24 in. BB, \$3.00 each.

ANDORRA—Low spreading habit, summer foliage silvery cast, after frost purple.

Transplants—6-10 in., 10 for \$4.20, 50 for \$20.00.

Transplants—10-12 in., 10 for \$5.00, 25 for \$12.00.

Specimen—18-24 in. BB, \$3.00 each.

PFITZER—Low growing, spreading; picturesque.

Rooted Cuttings—10 for \$2.00, 50 for \$9.75.

Transplants—6-10 in., 10 for \$4.50, 50 for \$21.00.

Transplants—10-12 in., 10 for \$6.00, 25 for \$14.50.

Specimens—BB, 18-24 in., \$3.25 each.

Extra Fancy BB., 2-3 ft., \$6.50 each.



WAUKEGAN JUNIPER
(*Juniperus horizontalis douglasii*)



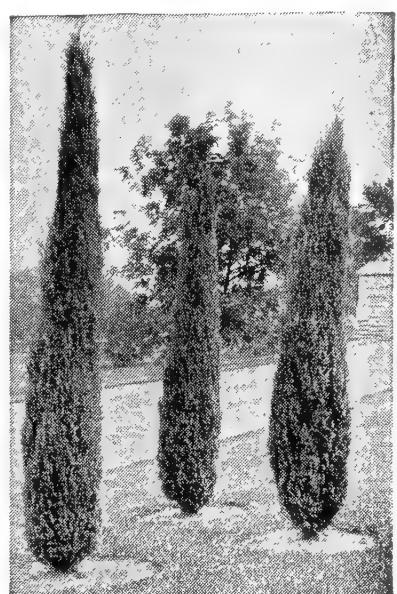
ANDORA JUNIPER



SPINY GREEK JUNIPER
(*Juniperus excelsa stricta*)



REDCEDAR
(*Juniperus virginiana*)



IRISH JUNIPER
(*Juniperus communis hibernica*)

JUN. HORIZONTALIS DOUGLASI

(Creeping Waukegan Juniper). Ideal for terraces, borders and rock gardens.

Transplants—10-14 in., 10 for \$5.00, 50 for \$20.00.

Specimen—18-24 in., BB., \$3.00.

JUN. HORIZONTALIS GLAUCA

(Blue Creeping Juniper). Very attractive on sloping lawns, terraces, over hanging walls, and the like where they can be used.

Transplants—6-8 in., 10 for \$4.20.

Specimens—12-18 in., BB., \$2.50.

Rooted Cuttings — 10 for \$2.00, 50 for \$9.75, 100 for \$16.00. All postpaid.

JUN. COM. HIBERNICA FASTIGATA

(Narrow Irish Juniper). A form very superior to the common Irish Juniper. Grows into a dense narrow column. A healthy, vigorous grower.

Rooted Cuttings—5-8 in., 10 for \$2.25, 50 for \$11.00, 100 for \$20.00.

Transplants—8-10 in., 10 for \$4.00, 25 for \$9.00.

Transplants—10-14 in., 5 for \$3.75.

Specimens—2-3 ft., BB., \$2.85 each; 3-4 ft., BB., \$3.25 each.

JUN. EXCELSA STRICTA

(Spiny Greek Juniper). Grows very dense, symmetrical, especially adapted to urns, tubs, rock gardens. Dwarf cone shaped, grayish green foliage all year.

Rooted Cuttings — 4-6 in., 10 for \$2.25, 50 for \$11.00, 100 for \$20.00.

Transplants—5-8 in., 10 for \$4.00, 25 for \$9.00.

Specimens—18-24 in., BB., \$3.25.

JUNIPERUS VIRGINIANA

(Redcedar). This is the mother plant from which numerous horticultural varieties have been developed over many years. Several varieties offered in this catalog are horticultural forms of Redcedar.

Seedlings—6-8 in., 25 for \$3.00.

Specimens—2-3 ft., BB., \$3.50 each.

JUNIPERUS VIRGINIANA BURKI

(Burk Juniper). A horticultural variety of the Redcedar resembling the *Juniperus virginiana glauca*. The color is somewhat deeper blue, the tree seems to take on a more compact habit than the *Glauca*.

Grafts—8-10 in., 75c each, 10 for \$7.00.

Specimens—2-3 ft., BB., \$4.90 each.

JUNIPERUS VIRGINIANA CANAERTI

(Canaert Juniper). This horticultural variety of Redcedar has long been one of the leading favorites. It grows in a symmetrical, pyramidal shape, well covered with heavy green foliage.

Grafts—8-10 in., 75c each, 10 for \$7.00.

Transplants—10-12 in., \$1.25 each.

Specimens—3-4 ft., BB., \$4.90.

JUNIPERUS CHINENSIS COLUMNARIS

(Blue Columnar Chinese Juniper). One of the best known of the horticultural varieties of the Chinese Junipers can be grown into a pyramid or narrow column shape, attractive *Glauca*, blue color.

Grafts—8-10 in., 75c each, 10 for \$7.00.

Specimens—2-3 ft., BB., \$4.90 each.

JUNIPERUS CHINENSIS KETELEERI

(Keteleer Juniper). This tree has a good rich green color, is a good grower, and has an abundance of berries.

Grafts—8-10 in., 75c each, 10 for \$7.00.

Specimen—2-3 ft., BB., \$4.90 each.

Note—All Balled and Burlapped specimens, F.O.B. Geneva.

Cuttings, grafts and transplants, postpaid.



THREAD CYPRESS

CYPRESS (*Chamaecyparis*)

Strictly ornamental species, graceful branches, all easily trimmed, all hardy and good landscape varieties.

BLUE CYPRESS

Graceful bluish foliage, gives tree half-weeping effect. Grown from seed from Finland.

Specimens—18-24 in., BB., \$2.75.

Specimens—3-4 ft., BB., \$4.50.

THREAD CYPRESS

(*Filifera*, green). Slender olive green foliage, makes a broad low bush. Especially useful around corners of low houses.

Rooted Cuttings — 6-8 in., 10 for \$2.00, 100 for \$18.00.

Transplants—6-9 in., 10 for \$3.75, 25 for \$8.75.

Specimens—18-24 in., BB., \$3.25.

THREAD CYPRESS

(*Filifera* golden). Same as *Filifera* green, only a beautiful golden yellow, a valuable ornamental.

Rooted Cuttings—5-7 in., 10 for \$2.50, 25 for \$6.00.

Specimens—15-18 in., BB., \$3.25.

SILVER MOSS CYPRESS

Same type and growth of fine feathery foliage as Green and Golden Plume, except color, which is silver. One of the very finest of all silvery evergreens, and perfectly

hardy everywhere, even in Canada. Prefers sun.

Rooted Cuttings—4-7 in., 10 for \$2.00, 25 for \$4.50, 100 for \$16.00.

Specimens—12-16 in., BB., \$2.50.

Specimens—18-24 in., BB., \$3.50.

GREEN PLUME CYPRESS

Feathery fern-like, deep green foliage. The more it is pruned the more beautiful it becomes. We trim it mostly into dense round balls.

Rooted Cuttings—4-7 in., 10 for \$2.00, 25 for \$4.50, 100 for \$16.00.

Transplants—4-6 in., 10 for \$3.50, 25 for \$7.50.

Transplants—9-12 in., 10 for \$4.50, 25 for \$10.00.

Specimens—18-24 in., BB., \$3.00 each.

GOLDEN PLUME CYPRESS

Same type of foliage as Green Plume except it is a bright golden yellow. Unexcelled for low, dense hedges, individual specimens, or foundation planting in full sun.

Rooted Cuttings—4-7 in., 10 for \$2.00, 25 for \$4.50, 100 for \$16.00.

Transplants—4-6 in., 10 for \$3.50, 25 for \$7.50.

Transplants—9-12 in., 10 for \$4.50, 25 for \$10.00.

Specimens—18-24 in., BB., \$3.00 each.

PLUMASA SULPHURIA

(Sulphur Plumed Cypress). Grows similar to Gold Plume, but little lighter shade and a little finer foliage. 18-24 in., BB., \$3.50.

OBTUSA CRIPPSI

(Hinoki Cypress). Dark green column, shaped a good landscape tree, picturesque type, does best in medium loam. Will thrive in sun or partial shade.

Specimens—15-18 in., \$3.00 each.

OBTUSA CRIPPSI AUREA

Same as above but beautiful golden color. Will thrive best in medium loam, full sun. 15-18 in., BB., \$3.25 each.

Note—All Balled and Burlapped specimens, F.O.B. Geneva.

Rooted cuttings, transplants, postpaid.



AMERICAN ARBORVITAE
(*Thuja occidentalis*)



WOODWARD ARBORVITAE
(*Thuja occidentalis woodwardi*)



PYRAMIDAL ARBORVITAE
(*Thuja occidentalis pyramidalis*)

ARBORVITAE

THUYA OCCIDENTALIS

(American Arbor Vitae). We grow only from seed, the Northern form from Canada. Grows in compact form, pyramidal in shape. Thrives on vigorous pruning, makes fine low hedges or taller windbreaks.

Transplants—4-7 in., 25 for \$2.60, 100 for \$8.00, 500 for \$35.00.

Specimen—3-4 in., BB., \$3.50 each.

THUYA OCCIDENTALIS PYRAMIDALIS

(Pyramidal Arbor Vitae). Tall slender form of American Arborvitae. Always prune trees while young to build the slender form.

Rooted Cuttings—10 for \$1.90, 25 for \$4.25.

Transplants—5-7 in., 10 for \$3.00, 25 for \$7.00.

Specimens—3-4 ft., BB., \$3.85 each.

THUJA OCCIDENTALIS WOODWARDI

(Woodward Globe Arborvitae). Grows naturally round like a ball and forms a bushy, natural globe shaped tree of very compact form and good color. The best globe shaped evergreen. Small trees show up well in window boxes.

Rooted Cuttings—10 for \$1.90, 25 for \$4.25.

Transplants—6-8 in., 10 for \$4.00, 25 for \$9.50.

Transplants—Strong 2 year field grown, 10 for \$7.00.

Specimens—18 in. dia., BB., \$3.00.

THUJA COMPACTA

Another good globe type somewhat similar to Woodwardi, but much greener and thicker foliage.

Rooted Cuttings—10 for \$2.00, 25 for \$4.60.

Specimens—18 in., BB., \$3.25 each.

THUYA (ELLWANGERIANA)

A slow growing pyramid type, juvenile foliage is very fine and feathery like, makes a beautiful tree.

Transplants—9-12 in., 10 for \$4.00, 25 for \$9.50.

Specimens—2-3 ft., BB., \$3.75.

THUYA LUTEA

(George Peabody). A beautiful golden type color very pronounced, makes a very good ornamental. This variety is always scarce.

Cuttings—6-8 in., 10 for \$2.00, 25 for \$4.60.

Specimens—2-3 ft., BB., \$4.85 each.

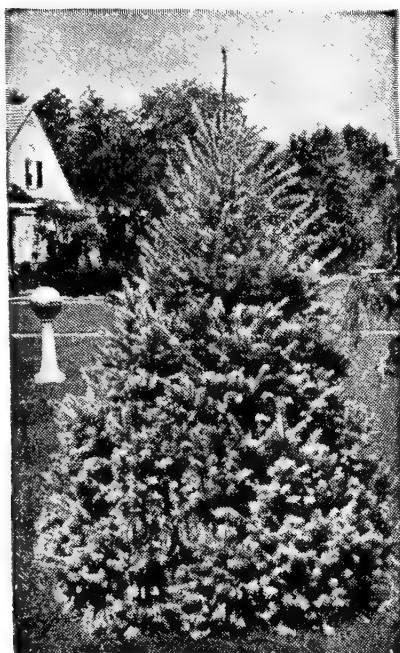
THUYA

(Columbia). Similar to pyramid but edge of leaves silver tipped.

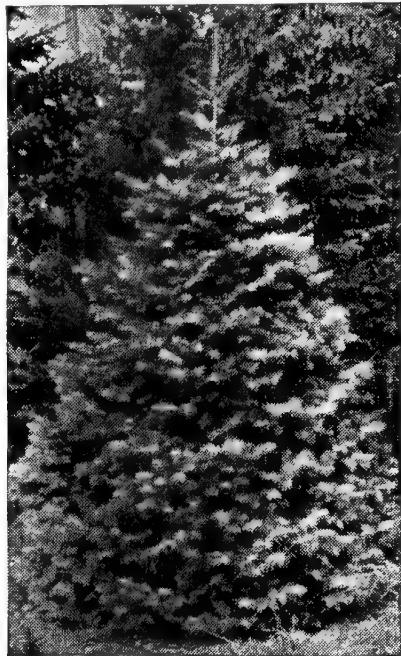
Rooted Cuttings—6-8 in., 10 for \$2.00, 25 for \$4.60.

Specimens—2-3 ft., BB., \$4.50 each.

All rooted cuttings and transplants postpaid. Balled and burlapped specimens, F.O.B. Geneva.



DOUGLAS FIR
(*Pseudotsuga douglasii*)



SILVER FIR
(*Abies concolor*)



EUROPEAN LARCH

FIRS - (Abies)

Trees of Great Hardiness, Thriving in Almost Any Exposed Situation

BALSAM FIR

Best for shade, rich black-green needles. Fine for Christmas tree and forestry planting.

Seedlings—3-5 in., 25 for \$2.00, 100 for \$6.50, 500 for \$30.00. These are fine 3 year old seedlings.

Transplants—4-6 in., 4 years old, 25 for \$3.00, 100 for \$9.50, 500 for \$42.50.

Transplants—8-10 in., 5 years old, 25 for \$5.00, 100 for \$18.00, 500 for \$75.00.

COLORADO SILVER FIR

Finest of the Rocky Mountain evergreens. Most valuable for Christmas tree, forestry and ornamental use. A very beautiful tree.

Seedlings—6-8 in., 25 for \$3.00, 100 for \$11.00, 500 for \$50.00.

Transplants—6 years old, 8-12 in., 25 for \$5.00, 100 for \$18.00.

BLUE DOUGLAS FIR

Soft blue color, graceful branches. Adapted for trimming. Unexcelled for all purposes.

Seedlings—6-8 in., 25 for \$3.00, 100 for \$11.00, 500 for \$50.00.

Transplants—5 years old, 6-9 in., 25 for \$4.50, 100 for \$16.00. We will quote on larger fir specimens if desired.

EUROPEAN LARCH

This tree is peculiar among evergreens in that its needle-like leaves are shed each year. There are eight species of the Larch, widely distributed throughout the northern hemisphere. The lone species of the northeastern United States is the Tamarack. Unlike this variety the European Larch is a rapid growing pyramidal tree of wonderful beauty. In the spring the needles are soft light green, which turn golden yellow when they mature and drop off in the fall. The wood is resinous and durable, used for railroad ties and ship building. Transplants, 4 years old, 18-24 in., 10 for \$2.50, 25 for \$5.50, 100 for \$19.50.

YUCCA—Adam's Needle

(*Filamentosa*). Among the hardy plants there is nothing more effective and striking for isolated positions on the lawn. It is also indispensable for the large rockery. Its broad, swordlike, evergreen foliage and immense branching spikes of drooping, creamy white flowers, rising to a height of 5 feet, render it a bold and handsome subject wherever placed. Strong field grown clumps, 50c each, 3 for \$1.25.

FIR TRANSPLANTS—SPECIAL

100—Balsam Fir, 8-10 inch.

100—Colorado Silver Fir, 8-12 inch.

100—Douglas Fir, 6-9 inch.

Value \$52.00.

For \$40.00.

BROAD LEAF EVERGREENS

DAPHNE CNEORUM (Garland Flower)

One of the very choicest of all rock garden evergreens. Produces delicate rose pink clusters of flowers in early spring, completely covering the plant and more sparsely at intervals all summer until freezing weather. Flowers rival the carnation for fragrance. Growth not exceeding 8-10 inches in height, but spreading out making a mat of grey green. Requires sunny position. Young rooted field grown plants, often in bloom.

Transplants—4-6 in., 50c each, 4 for \$1.85, postpaid. 9-10 in., BB., \$1.25 each. 12-15 in., BB., \$1.50 each.

MAHONIA AQUIFOLIA (Oregon Holly Grape)

The leaves are holly-like and bright green. Has long clusters of bright golden yellow flowers in the spring, followed by bunches of bright blue grape-like berries. Most attractive in foliage, flower and fruit. The sprays are fine for interior decoration. In the north the leaves lose their color in late winter but do not fall off. In the spring new life comes back into these leaves. Never winter kills. At its best in group plantings. We grow it in full sun, but it is at its best in half shade. Prefers a rather heavy soil.

Transplants—Field grown, 8-10 in., 50c each, 3 for \$1.35, 12 for \$4.75, postpaid.

ILEX OPACA (American Holly)

Seedling American Holly cannot be depended upon to bear fruit, because there are both male and female plants. Our plants are grown from cuttings from bearing female plants. These cost more than seedlings, and Hollies dug from the wild. It does best in a moist, partially shaded, wind protected spot.

Cutting Grown Transplants—8-15 in., 3 for \$1.50, 12 for \$5.00, postpaid.

EUONYMUS

Coloratus. (Purple Leaf Creeping Euonymus). A purple leaf form of E. Radicans.

This plant carries a rich green color throughout the summer and in the autumn turns to a purplish-red color which remains with it until spring. A wonderful plant for mass planting on banks and on stone-work. 15-18 in. 75c each.

Patens. (Sieboldi). A spreading evergreen shrub with bright green foliage which carries the rich green color throughout the year. Best used in group planting and is an ideal plant for border work. 15-18 in., \$1.00 each, 18-24 in., \$1.25 each.

Radicans. This is the common evergreen Euonymus used so much for covering banks and for use on stone or brick as wherever the branches touch small clinging holdfasts are produced which makes this an ideal plant wherever it is used. 12-15 in., 75c each; 15-18 in., \$1.00 each.

Vegetus. (Big Leaf Wintercreeper). Bushy with round dull green leaves. This plant is a sight in winter when it is covered with its bright scarlet fruit. 15-18 in., \$1.00 each; 18-24 in., \$1.50 each.

ABELIA GRANDI (Glossy Abelia)

Beautiful hardy evergreen shrub for foundation and mass planting. Foliage glossy green, carrying masses of white flowers with pink blush, all summer and fall. In the south it stays green all winter, here in Ohio it loses its leaves in late winter. Seldom grows over 2 feet high. Easily kept in bounds by pruning. Grows well in semi-shade or full sun. Easy shrub to transplant. At its best in late summer and fall.

Field Transplants—8-15 in., 45c each; 3 for \$1.30; 12 for \$4.00, postpaid. 18-24 in., \$1.35 each.

BUXUS SUFFRUTICOSA (Dwarf English Boxwood)

Dwarf and slow growing. Best known evergreen edging plant. Foliage deep green and dense. Large specimens often used in urns and porch boxes.

Field Grown Transplants—6-8 in., 4 for \$2.00, 10 for \$4.50, postpaid.

RHODODENDRON MAXIMUM (Rosebay Rhododendron)

Evergreen shrub with large showy leaves and bluish-white flowers in July. This plant requires an acid soil, humus, damp loose culture, as the roots feed at the surface, so do not hoe around them. Does well under Oak, Cherry, and Birch trees, but avoid Beech and Maple. To get the required acid condition on lime or sweet soils use a quantity of peat around the roots when planting, or plant all in peat. This is a wonderful shrub for mass effects.

Transplants—8-10 in., 75c each, 10 for \$7.00; 18-24 in., BB., \$3.65 each; 2-3 ft., BB., \$4.85 each.

Rhododendron Hybrids—Two year old, 8-12 in., \$1.25 each, 10 for \$10.00.

KAL. LATIFOLIA (Mountain Laurel)

Native of the Appalachian Mountains. Grows into a compact, symmetrical shrub, densely covered with foliage. Leaves medium size, glossy and unchanging throughout the year. When in bloom the plants are literally bouquets of lovely cup-shaped flowers ranging from almost white to deep pink in color on individual specimens. Effective singly or in mass plantings. Very hardy and desirable. Requires damp, loose, acid soil, humus, considerable shade. Easily the finest flowering evergreen grown.

Transplants—8-10 in., 50c each, 10 for \$4.00; 12-15 in., BB., \$3.25.

AZALEA MOLLIS

Yellow to red blooms; height 2-3 feet. This is one of the easiest to grow. Makes

the largest blooms of any, very striking colors.

Transplants—6-12 in., 50c each, 10 for \$4.00. 12-18 in., BB., \$2.90 each.

AZALEA CAENDULACIA

Light salmon to deep golden yellow. This one does best in part shade, needs acid soil, best obtained by peat humus or oak leaves.

Transplants—6-12 in., 50c each, 10 for \$4.00; 12-18 in., BB., \$2.95 each.

AZALEA KAEMPFERI

Also known as Torch Azalea. Showy salmon red. Requires acid soil. Will grow to a height of 7 feet. Plants covered with flowers from May to June.

Transplants—6-12 in., 50c each, 10 for \$4.00; 12-18 in., BB., \$3.00 each.

AZALEA MUCRONULATUM

Also called Indica Alba. Beautiful white blossoms on a bushy plant which grows to a height of 5½ feet, requires acid soil, blooms in late May.

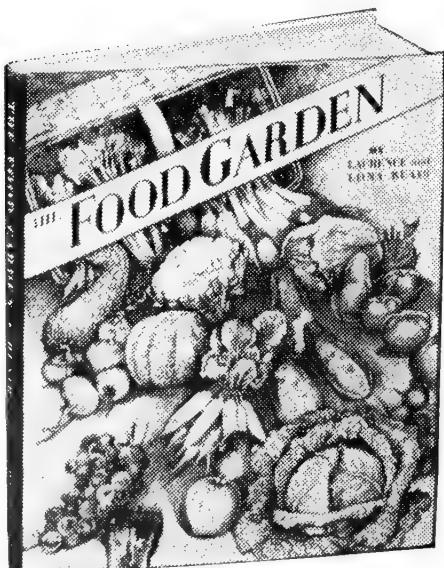
Transplants—6-12 in., 50c each, 10 for \$4.00; 18-24 in., BB., \$3.50 each.

AZALEA SCHLIPPENBACHI

Known as Royal Azalea. Beautiful clear pink blooms on a plant that reaches 9 feet when fully matured, easy to grow and very hardy. Requires acid soil.

Transplants—15-18 in., BB., \$3.80 each; 2-3 ft., BB., \$4.75 each.

All balled and burlapped specimens F.O.B. Geneva.



Of all the garden books published for Home Gardeners we like this one the best. The printing is large, the copy is plain, easy to understand. The twenty double-page spreads of line drawings are wonderfully clear. They show many new ideas which can be done simply. Many things are covered—soil conditioning, compost, drainage, all kinds of vegetables, bugs, spraying, raising seedlings, storage, vegetable greens, salad vegetables, herbs, fruits and berries, pruning, strawberries, preserving fruits. It's complete. You will like this book. 148 pages, 8½x10¼ in., \$2.25, postpaid.



Japanese Pachysandra as a border



Pachysandra terminalis (Japanese Pachysandra)

JAPANESE PACHYSANDRA (Pachysandra terminalis)

For ground cover, or for grass under trees. If you have a sandy bank, a terrace, places under trees where grass will not grow, a low border to fill in, plant Spurge. This is the ideal evergreen ground cover. Hardy everywhere in sun or shade. Same attractive green color all winter. Splendid plant for window boxes. 2½ in. pot plant size, 4-6 in., 19c each, 10 for \$1.80, 100 for \$16.00.

VINCA MINOR (Periwinkle or Trailing Myrtle)

Hardy evergreen trailing herb. Makes a dense, attractive ground cover, and thrives with practically no care. Even does well on dry sand banks. A most suitable plant to grow as edgings to shrubbery borders, carpet the ground under the shade of trees or in shady borders. Hugs the ground.

Strong 3 year old field grown clumps, 5 to 8 runners, 10 for \$1.20, 100 for \$9.00.

Note—All plants in this page postpaid in lots of 10, larger quantities, F.O.B. Geneva.

PRIVETS

Ligustrum Amurense. (Amur River Privet). A hardy northern group type, upright and tall growing, the leaves a good dark green and makes an ideal hedge. 12-18 in., 3-4 cains, 20c each, 100 for \$18.00.

Ligustrum Ibota. A strong growing spreading shrub with small white flowers in June followed by a heavy crop of black berries which hang on well into the winter. This variety is widely used for wide hedges and for group plantings. 2-3 ft., 35c each; 100 for \$25.00.

Ligustrum Ovalifolium. (California Privet). Quick growing, dense, straight, well clothed shoots. A dark shiny green, most used where hardy. 18-24 in., 3-4 cains, 20c each, 100 for \$18.00.

Ligustrum Regalianum. (Regal's Privet). Strong, very hardy type, with dark shiny leaves. The branches are stiff and horizontally spreading gracefully, drooping at the ends. All plants of this variety are grown from softwood cuttings and therefore are very uniform in type. 18-24 in., 50c each, 100 for \$40.00.

BERBERIS (Barberry)

Thunbergii (Japanese Barberry). 5 feet. Very tolerant. Bushy and dense, red berry in autumn. Fine hedge. The most valuable, useful shrub in cultivation. 10-18 in., 45c each, 10 for \$4.00.

Atropurpurea (Red-leaf). Red-purple form. Color not perfect, but fairly steady. Properly pollinated, it comes true from seed. 10-15 in., 65c each, 10 for \$6.00.

Deciduous Tree Seedlings for Reforestation, Etc.

Mix deciduous trees with evergreens in reforestation planting. Plant these trees for shade, timber, fuel, to help feed springs, to stop soil erosion, to provide homes for birds and wild life.

How to Plant Seedlings

If your ground is suitable use a plow, open a deep furrow. If not possible to use a plow, then stake your ground off in rows and set with a digging hoe. Be sure the roots have ample depth, pack the soil with foot about the roots, in order to close up air pockets. When your trees arrive they will be in bundles. Open a trench and place the roots in the trench and fill dirt about the roots. In case the weather is bad you can keep the plants in good condition.

Table Showing Number of Trees per Acre

4x4 ft. apart	2,700	10x10 ft. apart	435
6x6 ft. apart	1,210	12x12 ft. apart	302
8x8 ft. apart	680	14x14 ft. apart	222

Following Trees are 12-18 inch size

Variety	25	100	250
Sugar Maple, lumber	\$2.25	\$8.00	\$15.00
Yellow Buckeye, lumber	2.25	8.00	15.00
Western Catalpa, posts	1.75	5.00	10.00
White Flowering			
Dogwood, shade	2.75	10.00	22.00
American Beech, lumber	2.25	8.00	15.00
White Ash, lumber	1.75	5.00	10.00
Honeylocust, windbreak	1.75	6.00	12.50
Osage Orange	2.25	8.00	15.00
Black Locust, posts	1.75	6.00	12.50

Note:—Lots of 25, postpaid. Many 100 lots postpaid. Orders cannot be accepted for less than 25 trees of a kind. Honeylocust and Black Locust are best for soil erosion prevention. Osage Orange is a fine windbreak variety. Other species available. In most cases shipments direct from specialty tree nursery. Order early, many varieties in short supply. Please name substitute varieties if possible.

BLACK WALNUT

Black Walnut is one of the most valuable timbers grown in the United States. Grow a black walnut orchard on your farm. 6 to 12 inch seedlings, 25 for \$2.00, 100 for \$7.00, postpaid. By express, 250 for \$15.00.

TULIP TREE OR YELLOW POPLAR

When you want lumber for building you will look far before finding any better than

yellow poplar. 12 to 18 inch seedlings, 25 for \$2.00, 100 for \$7.00, postpaid. By express, 250 for \$15.00.

LOMBARDY POPLAR

Slim, formal, quick growing columns that branch to the ground. Fine for screens and backgrounds. 3 to 4 ft. cuttings, 6 for \$1.50, 10 for \$2.50, postpaid.

RED BUCKEYE

A beautiful dwarf tree. Grows 4 to 6 ft. high, with panicles of purplish-red flowers in May. 12 to 15 inch seedlings, 3 for \$1.00, 10 for \$2.50 postpaid.

RED BUD (Judas Tree)

A very ornamental tree of medium size with perfect heart-shaped leaves. Blooms early in spring, before leaves appear, covering the branches with small rosy-pink, pea-shaped flowers. 18 to 24 inch seedlings, 4 for \$1.00, 10 for \$2.00, postpaid.



FOLIAGE OF GINKO

GINKO BILOBA (Maidenhair Tree)

This tree was recently classed by a noted authority as one of the finest of shade trees. Another striking advantage, the tree is absolutely disease free, hardy and fast growing. It is immune to all kinds of bugs and scales. It is also known as the living fossil. A specimen planted 51 years ago in Illinois is thriving perfectly. Note the beauty in cut of Ginko leaves. 12 to 18 inch seedlings, 5 for \$1.50, 10 for \$2.75, 25 for \$6.00, postpaid.



GLADIOLUS

A most beautiful flower in existance. Last summer blooms sold at \$1 to \$2 a dozen. We grow a million bulbs annually. Planting directions will be mailed with shipment. Very easy to raise. This year we are offering a very special mixture—100 large size bulbs made up of 25 leading varieties, including well known show winners such as Carona, King Lear, Beacon, Picardy, Snow Princess, Margaret Beaton, etc. 100 for \$4.50, F.O.B. Geneva, Ohio.

Alexandria, Ind., April 16, 1945.
Ransom Nursery, Geneva, Ohio.

Gentlemen:—The Red Bud trees arrived and we are delighted with them. So much larger than you quoted. Thanks so much.

Yours truly, Mrs. Wilbur Brown,
 206 E. Garfield Street



HARDY PERENNIAL PHLOX

No garden is complete without perennial Phlox. The color range is so large, the colors so bright, blooming period so long, every flower garden should find a place for some. Plants begin to bloom late June. With proper treatment, continuous blooms may be expected until frost. Our list of Phlox is made up of the very best of standard sorts and including some of the newer varieties. These are all heavy one year field grown clumps guaranteed to bloom this year.

Special Collection—1 each of the following varieties, \$1.35.

Prime Minister, white with crimson eye.

Boarder Queen, lovely pink, deep color.

George Stipp, deep glowing salmon with shaded lighter eye.

Aetna, fiery red.

Lillian, delicate cameo pink.

Wm. Kesselring, plum purple shading to dainty lilac eye.

BLUEBERRIES

Easy to Grow. Set the bushes 5x7 feet apart in moist acid soil. If your soil is sweet, it may be made acid by mixing with it a small quantity of acid peat, rotted leaves, pine needles, or old sawdust. Fruit ripens over a period of several weeks.

A bush grown by itself will not bear fruit, but where 4 or more plants of different varieties are grown in close proximity, perfect fertilization of the blossoms take place, and abundant crops result. Consequently our Blueberries are sold in units of 4 plants (mixed varieties) or in blocks of 8 plants or more (mixed). Each plant bears a name tag. Orders for single plants will not be accepted.

Offering best fruiting varieties developed by the U. S. Dept. of Agriculture. These include Cabot, Adams, Rancocas, Harding, Pioneer, June, and Stanley.

	4 for	8 for	12 for
2 yr. 6-10 inch.....	\$4.00	\$7.20	\$9.60
2 yr. 12-15 inch.....	5.20	9.60	13.20
3 yr. 15-20 inch.....	8.00	15.20	21.60

Write for quantity prices.

All plants are separately B-B in earth in kraft paper. Name tag on each plant. Shipped F.O.B. Geneva, boxed.

Lighter parcel post grade, 2 yr. 6-10 inch, 4 for \$3.90, 8 for \$7.25, postpaid.

No 1-yr. plants available.

Strawberries for the Home Garden



BLACKMORE

HOW TO PLANT STRAWBERRIES

Plant Strawberries in good, rich, well-drained soil the crown of the plant when set should be at the surface of the ground. Tamp the earth firmly around the roots, leaving a thin layer of loose soil at the top of the ground to prevent baking. It will take about 8,000 spring-bearing plants to the acre, or 10,000 everbearing plants. Keep ground clean and well cultivated. It is best to keep blossoms and runners on the everbearing varieties pinched off until the middle of July. In late fall, when the ground is frozen down an inch or two, cover with clean straw, leaves, or cornstalks, and do not uncover too early in spring.

Order your Strawberry Plants before May 1

for early spring planting is the safest and best. Any Strawberry plants ordered after May 1, necessitating our handling them when they are full of new soft growth, will be shipped entirely at the purchaser's risk. Strawberry plants are shipped only in the spring. Strawberries shipped from associated strawberry specialty nursery, northern Indiana.

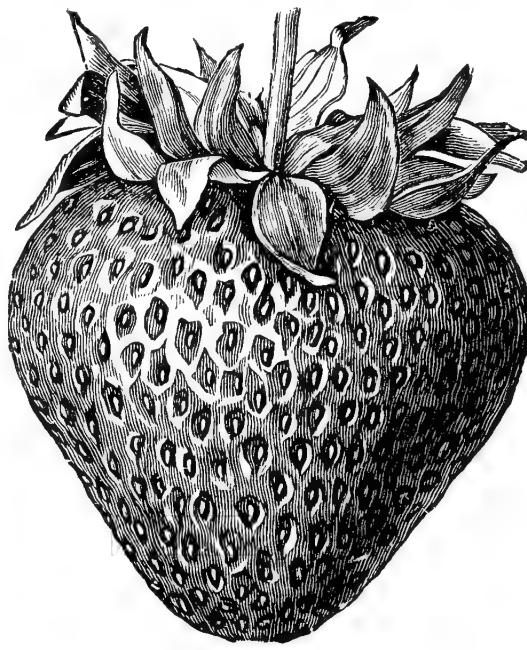
The Strawberry crop was short last season due to the dry weather. Many varieties failed to produce good crops of plants or fruit. We are offering varieties that will please both home gardeners and commercial growers.

Blackmore. Early, perfect flowering. Commences bearing early, and continues for a long fruiting season. Berries are a bright red color, large size, firm, honey sweet, attractive appearance. One of the best long distance shipping kinds. Best for large scale planting. Roots deeply, stands adverse weather conditions, drought, etc. 25 for \$1.50, 50 for \$2.00, 100 for \$3.50, 250 for \$6.50, postpaid. By express, 500 for \$9.00, 1000 for \$16.00, 2000 or more \$14.00 per 1000, 5000 or more \$13.00 per 1000.

Catskill. An outstanding mid-season variety introduced by the New York Agricultural Experiment Station and well stands at the top as a late mid-season variety of large size berries, heavy yields and a sure cropper. The large bright red berries are most attractive even though not as fine a finish as some of the early varieties. Quality equal to Premier, ripens in mid-season and continues through the late picking period. 25 for \$1.50, 50 for \$2.50, 100 for \$3.90, 250 for \$7.50, postpaid.

Dunlap. Early, perfect flowering. A century-old variety and still a favorite. Never fails to yield big red berries of delicious flavor. Hardy everywhere. Large yielder. 25 for \$1.50, 50 for \$2.00, 100 for \$3.50, 250 for \$6.50, postpaid.

Fairfax. Early to mid-season, perfect flowering. It is extra early, having the same bearing season as Premier, but is a much heavier bearer. The early blooms do not show serious frost damage and the fruiting season extends over a long period. Flavor rich and sweet, bright red color. Good market variety, stands long distance shipping. 25 for \$1.50, 50 for \$2.50, 100 for \$3.90, 250 for \$7.50, postpaid.

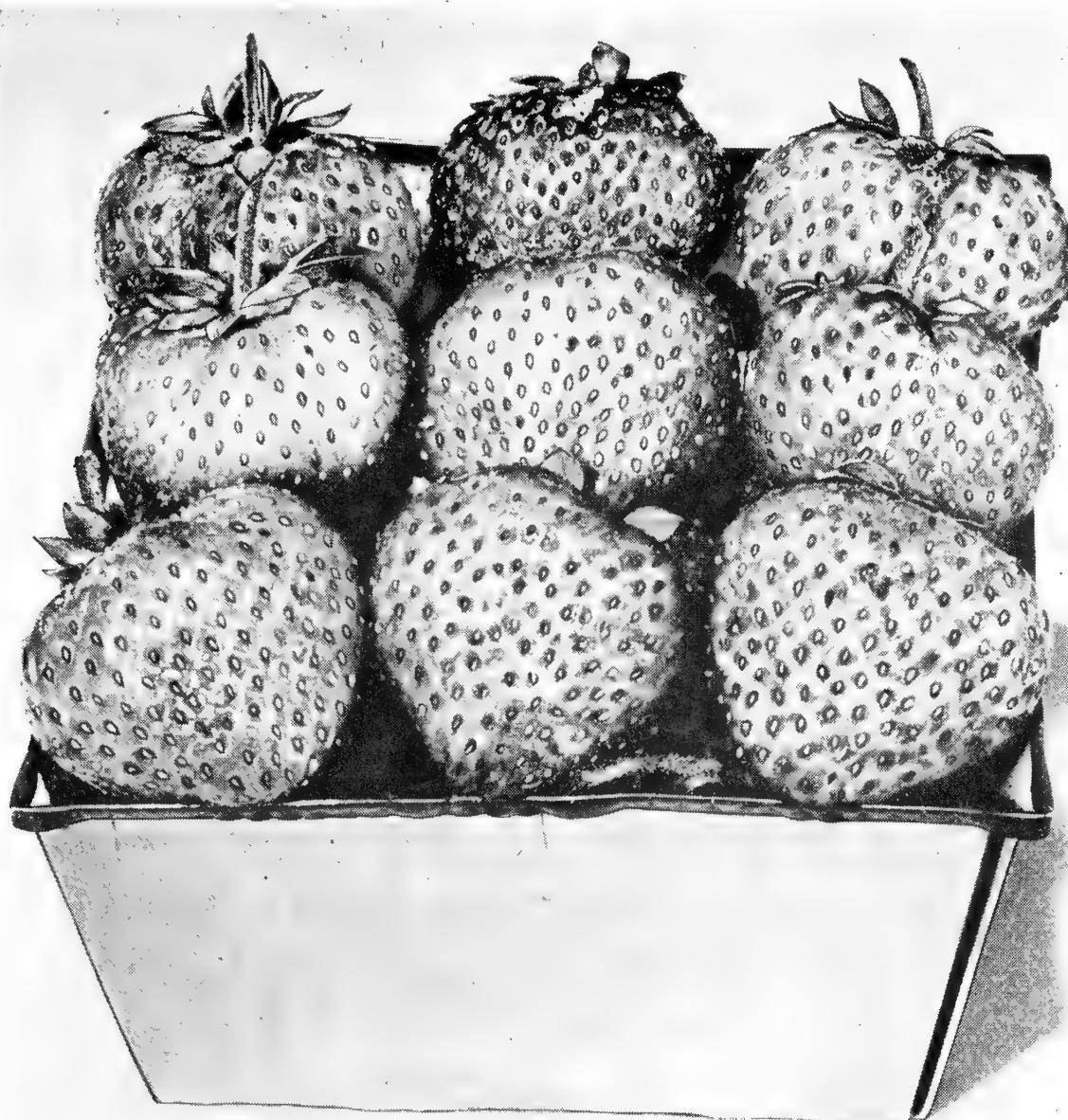


GIANT GEM

EVERBEARING STRAWBERRIES

Giant Gem. Perfect flowering. Starts bearing three months after planting, producing a crop in the fall, then the following season bears from June until frost. The plants are vigorous, berries are large, bright red, finest flavor. 25 for \$2.50, 50 for \$4.30, 100 for \$6.50, postpaid.

Mastodon. Produces a large crop of big berries during the summer and fall months. Plants set in the spring will produce a crop of berries in 90 days, and continue through summer and fall until stopped by cold weather. Rich glossy red, of firm and solid texture, delicious in flavor. One hundred plants will keep a fair sized family in berries. 50 plants \$2.75, 100 plants \$4.75, postpaid.



GEMZATA

Majestic. (Plant Patent No. 345) Mid-season. We consider Majestic the best of the newer June-bearing varieties for home use; easily grown, outstanding for its large size berries, which are deep scarlet-red to the core. Fruit stems stand upright, keeping the berries clean for easy picking.

Majestic is widely adapted to soil and climate, and to date no other variety has equalled its bearing record. The plant has a vigorous growing, dark, green foliage, with heavy root system which provides a capacity for a large yield. The high sugar content of the Majestic variety makes it one of the finest for the table and canning. Extremely hardy and easily grown. Recommended for quick freezing. 25 for \$1.75, 100 for \$4.50, 250 for \$8.00, 1000 for \$28.00, postpaid.

Gemzata. Everbearing. The new Gemzata Strawberry is the outstanding everbearer of today for both high quality and heavy production throughout the late spring, summer and fall, producing extra large Strawberries right up to heavy freezing time. The berries are unusually large with rich red meat all the way through, firm and of fine texture. Gemzata has proven successful on a wide range of soils and succeeds better than other everbearers we have tested, under adverse conditions. University and state experimental results show it to be superior to Gem and Mastodon in both quality and production. Gemzata produces well the first

season. A cross of the well known Gem and Wayzata, it is a triumph in Strawberry plant breeding. Every garden should have at least fifty Gemzata for each member of the family. 25 for \$3.00, 50 for \$5.00, 100 for \$8.00, 250 for \$17.00, postpaid.

Robinson (Medium-late). The New Robinson (Scarlet Beauty), finest June-bearing berry to date, originated in the heart of the Michigan fruit producing belt, is rapidly taking favor over other berries. The fruit is large, conical shape, scarlet-red all the way through. It is very firm and glossy, taking a premium on the markets. This is definitely the most outstanding June-bearing variety we have ever seen for heavy production of fruit. Delicious for table use, a wonderful canner and preserver. A new berry you positively should have. 25 for \$1.75, 100 for \$4.50, 250 for \$8.00, 1000 for \$28.00, postpaid.

Ambrosia. One of the largest and latest Strawberries known today. The berries are sparkling red, uniform, pointed shape, delicious flavor. Ripens three weeks later than other varieties, brings a premium on the market. Fruit are borne on very sturdy and tall fruit stems, keeping them clean and making easy picking. Plants are vigorous growers. Ambrosia and Robinson make a highly profitable team. 25 for \$1.75, 50 for \$3.00, 100 for \$4.75, 250 for \$8.25, 1000 for \$30.00, postpaid.

Garden Seeds That Produce Crops

Packets 10c each, any 6 packets 50c, any 14 packets \$1.00, postpaid.
Note Cauliflower and Celery higher.

We list only tested and favorite kinds of garden seeds, avoiding long lists of quite similar varieties that even the experts can hardly tell apart. Plant these kinds and you will have a fine garden. Bear in mind highly colored pictures do not make seeds any better; they simply add to the expense of a catalogue—to the selling price of the seeds.

LOCATION—PREPARING THE SOIL

Exposure for the vegetable garden should be sunny. No common vegetables will grow under trees, or in the shade of buildings. The garden should be as open and as sunny as possible. Sometimes buildings on adjacent lots may shade the garden a little, but if the sun reaches the soil at least half of the day, you will be able to grow most any vegetable you desire.

Plan the vegetable rows to run from north to south. This direction gives the most benefit from the sun. Another way is to plant the taller kinds behind so that they never shade the small ones.



BEANS, Dwarf Green Podded. Pkt. 10c, $\frac{1}{4}$ lb. 18c, $\frac{1}{2}$ lb. 30c, lb. 50c, 2 lbs. 95c. **Bountiful**—Early, absolutely stringless, finest quality. **Giant Stringless**—Fine early, hardy, home garden sort.

BEANS, Dwarf Wax Podded. Black Wax Pencil Pod. Finest of the dwarf black seeded sorts. Stringless, fiberless, flesh brittle, clear yellow pods. **Sure Crop Wax**—Thick, flat golden yellow pods, brittle, stringless.

BEANS, Pole or Climbing. Kentucky Wonder or Old Homestead. Most popular green podded climbing bean, early, productive. Pods 8 to 9 in. long.

LIMA BEANS. Pkt. 10c, $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, lb. 55c, 2 lbs. \$1.00. **Fordhook Bush**—Most popular bush lima grown. **King of the Garden (pole)**—Strong grower, productive, large uniform pods. Best pole lima.

BRUSSELS SPROUTS. Pkt. 10c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00. **Long Island Improved**—Hardy, early, most satisfactory kind.

BROCCOLI. Pkt. 10c, $\frac{1}{2}$ oz. 50c, oz. 90c. **Italian Green**—Finest strain of the true Italian kind. Produces large compact heads.

BEETS. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.30, $\frac{1}{2}$ lb. \$2.25. **Detroit Dark Red**—Globe shape, sweet and tender. **Early Wonder**—Semi-globular, dark red, sweet, early. **Early Blood Turnip**—Most popular main crop. Dark red, bright red flesh. Good winter keeper.

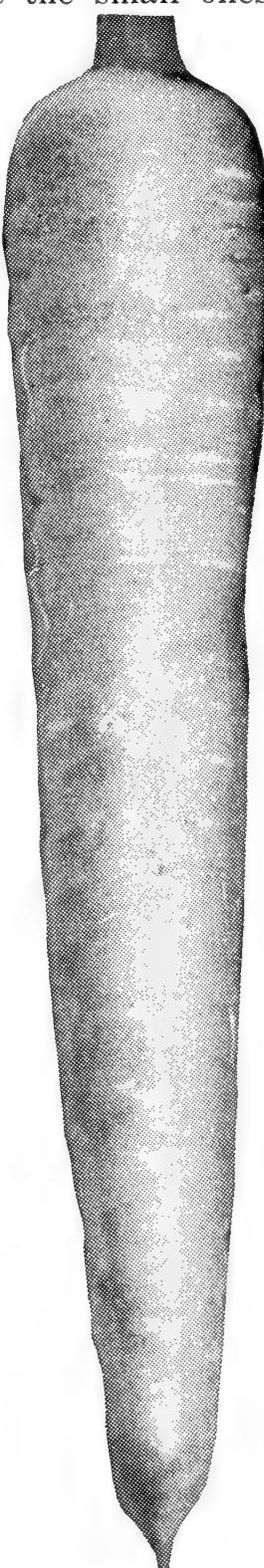
SWISS CHARD. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, $\frac{1}{2}$ lb. \$1.50. **Large White Ribbed**—Crumpled and curled leaves like savoy cabbage. Finest home garden sort.

MANGEL WURZEL (Stock Beet). Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.85. **Mammoth Long Red**—Most popular kind for stock. Heavy cropper.

CABBAGE (All yellows resistant strains). Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. 75c, $\frac{1}{4}$ lb. \$2.25. **Jersey Queen** (shown on page 19)—Pointed hard heads. Very early. **Marion Market**—Sure header. Heads round, weighing 4 lbs. **Danish Ball Head (Short stem)**—Heavy yielder, producing large heads. Fine for storage and kraut.

CARROTS. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$2.00.

Touchon Carrot. Excels in sweetness and tenderness. An early quality Carrot for home and market gardener. Tops are medium height and strong roots, orange scarlet, $6\frac{1}{2}$ to 7 inches long, $1\frac{1}{2}$ inches thick. Straight, slender, strictly stump-rooted. Flesh deep orange, no core, similar to Nantes, but preferred by many growers for its length.



TOUCHON

CARROTS (Continued)

Imperator—All-American Silver Medal winner. Roots 8 inches long. Rich orange flesh. Diameter of shoulder 2 inches. Fine for market gardeners, as its narrow or sloping shoulder tapering half blunt makes it especially fine for bunching.

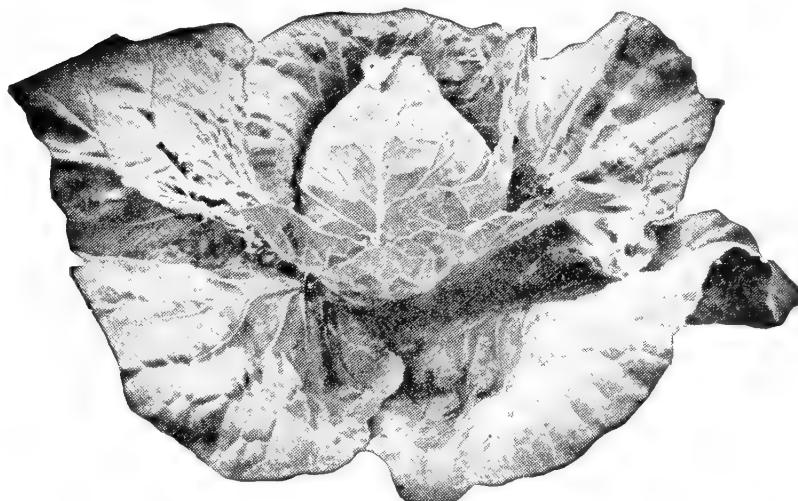
Belgian (Stock Carrot). Very productive, roots measuring 18 inches. Of high feeding value for horses, cows and sheep during the fall and winter.

CUCUMBERS

Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb \$1.40.

National Pickling. This is the finest pickling variety for the home gardener. It gives a continuous supply of pickles.

Early Fortune, Medium early white spine slicing type, firm and crisp with few seeds.



Yellows Disease-Resistant Jersey Queen

PLEASE NOTE — CROP INSURANCE

"Yellows-resistant" strains of Cabbage seed were introduced by the Wisconsin Agricultural Experimental Station so that Cabbage could be grown in localities where infected "cabbage-yellows" soil had prevented non-resistant varieties from producing a crop.

SWEET CORN. Pkt. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 40c, lb. 60c, 2 lbs. \$1.00. It is a waste of time for most gardeners to grow just sweet corn. Always plant hybrids. They yield better, are sweeter, harder than the ordinary standard varieties.

Marcross (Wilt resistant). 75 days, deep rich golden yellow, 6 to 8 inch ears, 12 to 16 rows. It's good.

New Lincoln (Wilt resistant). 83 days. All-American Bronze Medal winner. Early mid-season golden yellow. Another good one.

Golden Cross Bantam (Wilt resistant). Most widely used of all hybrids for canning, market and shipping. Deep rich, light golden yellow kernels, two ears to stalk. Sweet and tender. Stalks run 7 to 8 feet high.

CAULIFLOWER, (Note price). Pkt. 25c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50. **Snowball**—The very finest sure heading dwarf variety for home gardeners.

CELERY. (Note price). Pkt. 25c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25. **Golden Self-Blanching** — Compact golden green leaves and fine nutty flavor. Easy to grow, keeps fine if properly stored.



NATIONAL PICKLING

EGGPLANT. Pkt. 10c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 60c, oz. \$1.25. **Black Beauty**—The earliest and best large sized eggplant. Fruit dark purple, globe shaped.

ENDIVE. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.30. **Full Heart Batavian**—Compact full head, leaves broad and thick. Blanches easily. Used in stews and soups.

KALE. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c. **Green Curled**—Dark green foliage, finely curled like Parsley.

KOHL-RABI. Pkt. 10c, $\frac{1}{2}$ oz. 55c, oz. 95c. **White Vienna**—Refined flavor, small leaves. Kohl-Rabi is called turnip rooted cabbage.



Hybrid Golden Cross Bantam — Finest Sweet Corn Grown

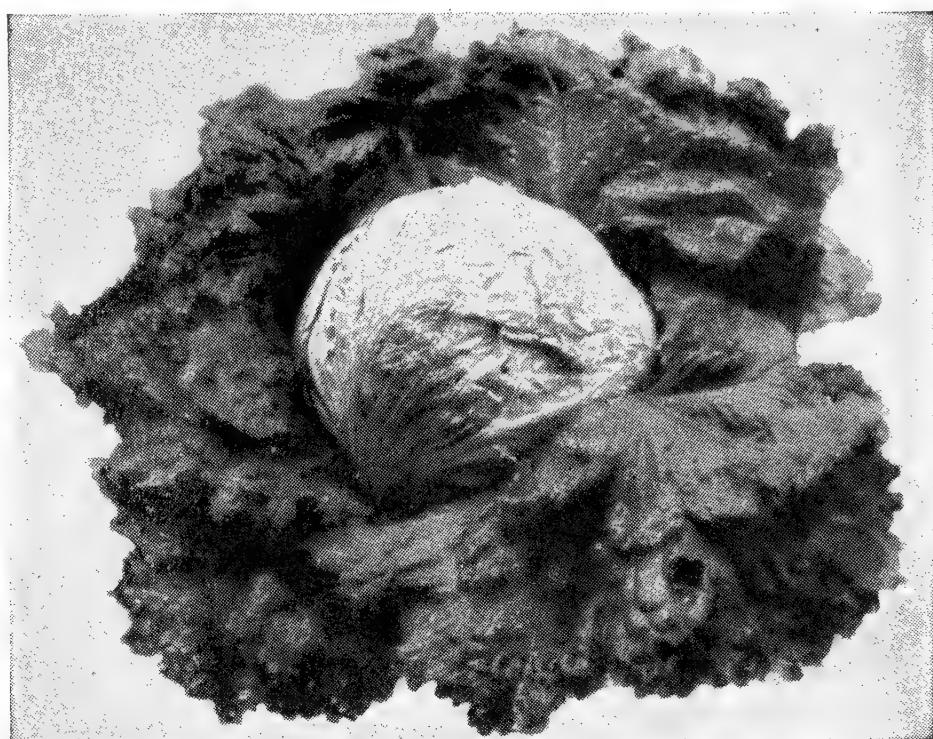
LETTUCE. Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00.

Black Seeded Simpson — Hardy and popular loose leaved type. Large green leaves frilled and crumpled. Center leaves blanch almost white. Brittle and crisp.

New York Ace — (Blight resistant). Solid compact heads, outer leaves dark green. Heart blanches white. Tasty, crisp, delicious.

Oak Leaf — This variety excels in ability to withstand hot weather without turning bitter. Leaves are small, tender and deep green. Butter type flavor.

Chicken Lettuce — Will yield as much or more chicken or rabbit feed as any "greens" plant. When cut it starts at once to grow again. Leaves can be pulled off each stem like kale.



New York Ace Lettuce

MUSTARD. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Giant Curled — Leaves are large, bright green, crimped and frilled at the edges. Mild flavor.

ONION. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00, $\frac{1}{4}$ lb. \$2.75.

Early Yellow Globe — Of uniform shape, beautiful color, and fine size. Solid flesh of mild sweet quality, heavy yielding and superb keeping quality.

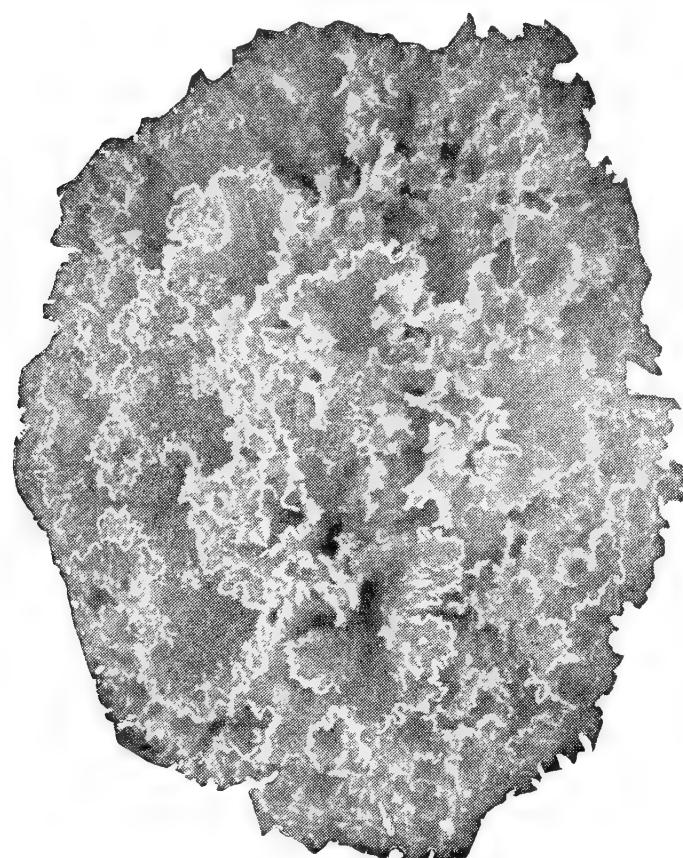
Riverside (Sweet Spanish) — Mild, sweet giant onion of true Bermuda type which you can grow from seed in your own garden. From seed it will produce onions weighing a pound; if started in the hotbed, 2-pound specimens can be grown. These onions are delicious at all stages of growth.

Southport White Globe — Large, round, white onion of attractive appearance. Mild sweet flavor. Good keeper. Good market variety, popular for home gardeners.

PARSLEY. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c.

Champion Moss Curled — Leaves uniform dark green color finely cut and so closely curled resembles bunches of moss. Grows dwarf, many plant it for an attractive border.

PARSNIP. Pkt. 10c, oz. 40c. **New Peerless.** The creamy white roots are smooth, tender, and of excellent flavor.



Black Seeded Simpson
(Finest Leaf)

MUSKMELON. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c

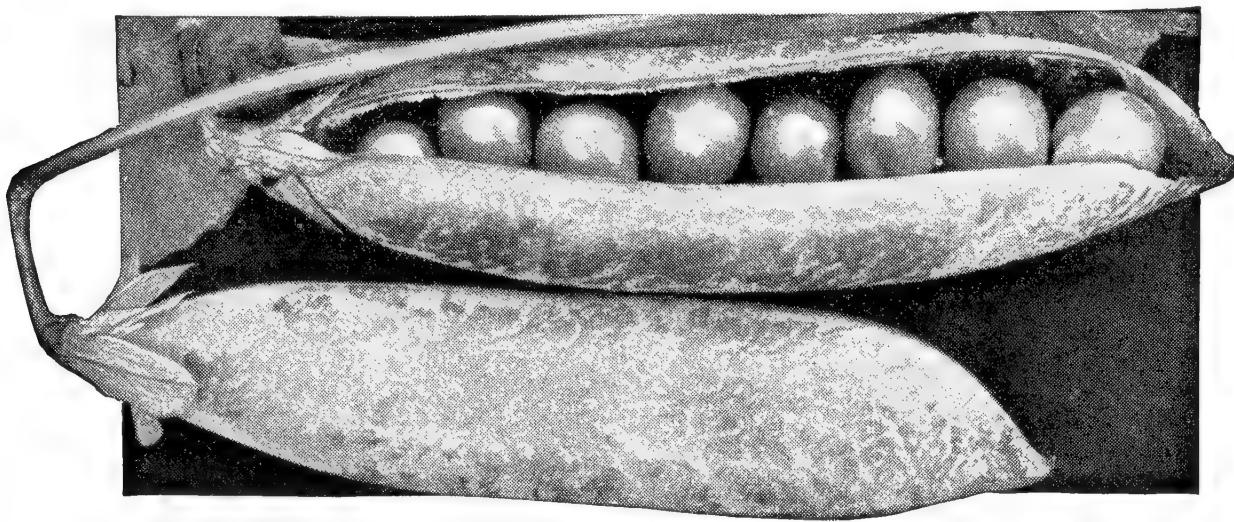
Honey Rock or Sugar Rock — Deep colored salmon flesh, sweet and good. Nearly round. Weight about 3 pounds. Light gray skin, coarse gray netting. Splendid garden sort.

Delicious — An early Bender's Surprise. Deep orange yellow flesh, firm and sweet. Very early.

Gold Lined Rocky Ford — Heavily netted fruit, oval shape, green flesh, thick netted, fine flavor, reliable yielder.

START SEEDS INDOORS

Grow your own vegetable plants from seed that should be started early. Save time, money, trouble. Special collection offer — 1 pkt. each (best varieties) of Tomato, Pepper, Eggplant, Broccoli, Celery Cabbage — 70 cents, postpaid.



Laxton's Progress

PEAS. Pkt. 10c, $\frac{1}{2}$ lb. 30c, lb. 50c, 2 lbs. 90c.
Little Marvel—Finest early dwarf pea, 15 to 20 inches high. The most satisfactory heavy yielding pea for the home garden.
Nott's Excelsior—Bears soon after Little Marvel, vines 15 to 18 inches high, producing heavy crops of well filled blunt round pods 3 to 4 inches long.

Laxton Progress—Largest podded of any early variety. Heavy yielder. If grown once, you will always want the same again.

PEPPER. Pkt. 10c, $\frac{1}{2}$ oz. 75c, oz. \$1.35.

California Wonder—Sweet pepper, vigorous plant, 4-lobed, upright, deep green, changing to scarlet, flesh thick, prolific.

Long Red Cayenne—Favorite hot pepper. Medium early, slender, bright red.

PUMPKIN. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 75c.

Small Sugar or New England Pie—Small orange skinned, slightly ribbed. Most popular for pies.

Large Yellow or Connecticut Field—The standard field pumpkin grown for pies, canning, and stock feeding. Thick flesh, orange yellow.

RADISH. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Early Scarlet Globe—Roots olive shaped, bright scarlet, crisp and tender. A universal favorite wherever grown.

White Icicle—Pure white, delicious, crisp flesh, tender, juicy and delicately snappy. Roots grow about 5 inches long. This is the finest white radish.

SALSIFY (Vegetable Oyster). Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Mammoth Sandwich Island—It is very nutritious with a flavor in soup like that of oysters. Can be left in ground all winter and used in spring before new growth starts.

SPINACH. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c.
Bloomsdale (Long Standing)—Thick dark green leaves are curled and crimped. Remains a long time in condition for use without bolting to seed even in dry weather. Sow in late August or September, also for late fall use.

New Zealand—Large spreading plants with small pointed leaves. Thrives in hot weather. When the tips are cut new ones will grow immediately. Leaves tender and brittle. Seeds large and hard horned.

SQUASH. Pkt. 10c, oz. 25c, $\frac{1}{2}$ lb. 75c.

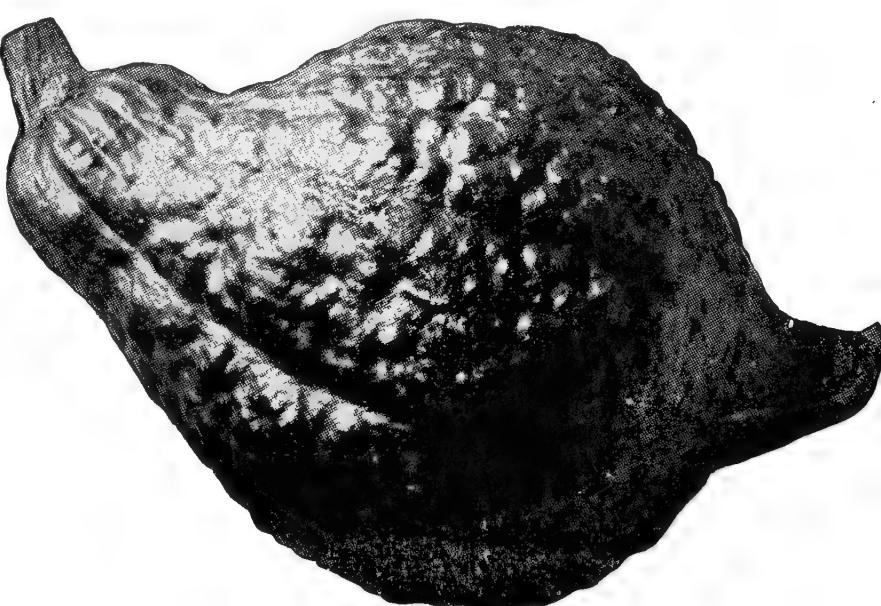
Giant Summer Crookneck—Well known summer variety. Fruit is rich golden yellow and thickly warted, very tender.

Early Prolific Straightneck—All-American Silver Medal. Bright lemon yellow. Very early.

Italian Marrow (Dark green strain)—The popular Italian squash. Delicious family garden variety.

Blue Hubbard—Best known winter kind of superior quality and large size. Fruit heavily warted, green color, orange flesh.

Table Queen (Danish)—Cut in half and baked this is a very tasty squash. Weighs about $1\frac{1}{2}$ pounds. Dark green outside with rich yellow flesh of delicious flavor. Matures early, good keeper.



Blue Hubbard

London, Ohio, April 30, 1945.
 Ransom Nursery, Geneva, Ohio.

Gentlemen:—Wish to inform you that the plants I purchased from you are doing fine.

Yours truly, Bob Emery.

TURNIP. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.
Early White Milan—Very early, clear white and smooth. Table qualities unequalled, being tender and of the most delicate flavor.
Golden Ball—Golden yellow flesh of fine texture. One of the best early yellow varieties.

TOMATOES — Wilt and Rust-Resistant. Pkt. 10c, $\frac{1}{2}$ oz. 50c, oz. 90c. The finest quality and strain of seed is most important to grow good tomatoes. We offer only the finest certified disease free seed. Many ordinary so-called popular sorts, and newer untried kinds are not listed. Buy the kinds we offer for real tomatoes.

Certified Marglobe—Second early. Produces large, smooth, meaty, globular red fruit, relatively free from cracks, very heavy cropper.

Certified Break O'Day—Very early, fruits large, smooth, meaty, red and globular.

Certified Rutgers—Vigorous plants. Large globular deep red fruit. Widely used for the home garden. Especially valuable on light or poor land. Main crop sort.

Certified Pritchard—Fruit solid, yield heavy, color brilliant red.

Yellow Plum (Small fruited)—Immensely productive, small flesh tomato, size and shape of a plum. Bright lemon yellow skin. It is very sweet, highly prized for eating raw, preserving, and making pies. Try it.

WATERMELON. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.
Wilt Resistant Kleckley—Flesh is bright red and very sweet. Fruit medium size, oblong dark green. A hardy early variety.

Klondike (Rust resistant)—Fruit is striped dark and light green and resembles the Georgia Rattlesnake. It has a remarkably fine flavor, early.

SUPER CURLED SAVOY CABBAGE

Tender, crisp and the finest flavor of any cabbage. Heads are large, firm and completely blistered or "Savoyed" all through the head. Plants set out about July 1st make an excellent type for home gardeners to store for winter use. Quality better than any other storage cabbage. Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.25.

CHINESE CABBAGE (Celery Cabbage)

Forms crisp, tender heads. Delicious when served as salad. Leaves are cooked like spinach. Sow seed not earlier than July 1st, and thin plants 18 inches apart. Chihli is the best variety. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 50c.

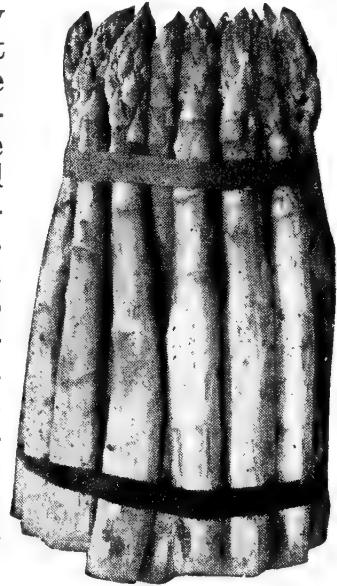
GREAT LAKES LETTUCE

(1944 All-American Winner) — Most dependable head lettuce ever grown. Finest table quality. Pkt. 25c, 1 oz. 75c, $\frac{1}{4}$ lb. \$2.50.

GREEN GLOBE ARTICHOKE

A delicious vegetable which is cultivated for its large flower-heads, which are cooked like Asparagus. It is considered a delicacy and demands a high price in all better city markets. The plant is a perennial and set in good soil and given slight winter protection of leaves or straw, will remain in bearing several years. Pkt. 15c, $\frac{1}{2}$ oz. 65c. An ounce of seed will produce about 500 plants.

ASPARAGUS. **Mary Washington (Giant rust-proof).** This is the finest strain of Asparagus for either the home garden or commercial planting. A rapid growing sort, yielding stalks 2 inches in diameter. Practically immune to "rust" and other Asparagus diseases. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c. An oz. of seed will produce about 250 plants; two pounds will produce enough roots to set an acre.



EDIBLE SOY BEANS (BANSEI) 96 Days

These Beans are not only delicious when eaten green or dry, but they are also an excellent source of Vitamins A, B and G. Soy Beans rate higher than Navy Beans in proteins and they will greatly out-yield them in the same amount of space. This is the earliest and most productive variety. Will produce crops in any section of the country. Plants grow 24 in. high and do not require support. They are literally loaded with pods $2\frac{1}{2} \times \frac{1}{2} \times \frac{3}{8}$ inches. Color pale green turning to pale greenish yellow. 2 oz. pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 80c.

PRIDE OF WISCONSIN CANTALOUP

One of the best introductions in many years. The flesh color is totally unlike other cantaloupe, being much deeper orange and richer looking. Is thicker with a smaller seed cavity than Honey Rock which is resembles. The rind is unbelievably strong, heavy coarse netting, just the right size and shape, mid-season in earliness, and no stringiness in the flesh. A good keeper. We cannot praise Pride of Wisconsin too much; it ranks at the top. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, $\frac{1}{2}$ lb. \$1.25.

WISCONSIN GLOBE CABBAGE (85 days)

A wonderful "Yellows Resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yielder on any fair soil. This cabbage is a selection from Glory of Enkhuizen and is the same in season as that variety. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.85.

Grow Evergreens from Seed

Spruce, Pine and Fir seed germinate in from 15 to 30 days after sowing. The factors to control from seed are dampening off and weeds. For small plantings a good method is to use flats 3 to 4 inches deep without wood bottoms. Use $\frac{1}{4}$ -inch wire mesh bottoms. Place flats under lath shade outdoors, about 2 inches higher than ground level. Fill flats with sterilized soil made up of one-half sand and one-half garden soil. A seed bed 10 feet long and 4 feet wide contains room for 4000 to 5000 seedlings. Do not sow evergreen seeds in hotbeds and cold frames. They must have ample side air circulation. Plan an evergreen seedling garden. It will be very useful.

All evergreen seeds are Hormone dusted before sold. These are all species of easy germination. Varieties are not listed which require stratification or take months to germinate. We hope everyone will name substitute varieties for some, because all deliveries promised sometimes do not arrive. The list is short due to the war. All 1945 crop.

EVERGREEN SEED LIST

Arborvitae

Eastern
Orientalis
Golden Berkman
Gold Tip
Plicata

Abies (Fir)

Balsam
Blue Douglas

Juniperus

Scopulorum
Red Cedar
Platte River

Picea (Spruce)

Colorado Blue
Black Hill
Norway
Engelmann
Black
White

Pinus (Pine)

Scotch
Austrian
Jeffrey
Mugho
Western Yellow
White

Tsuga (Hemlock)

Carolina
Mountain

Larix (European Larch)

Frazer Fir

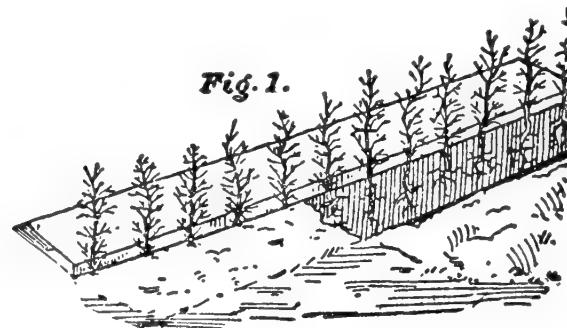
GINKO BILOBA
15 Seeds, 25c
100 Seeds, \$1.50

Price: 25c per packet; 5 packets your choice \$1.00. Each packet contains sufficient seed to produce 100 to 400 seedlings. Trade packets 75c each, 3 for \$2.00. Trade packets contain sufficient seed to produce 500 to 1000 seedlings or more depending upon variety. All postpaid with complete instructions.

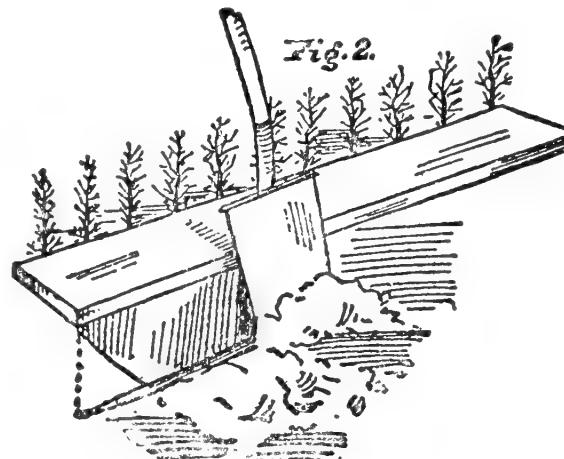
Mixed Evergreen Seeds, made up from varieties listed, extra large packets, 25c, 3 packets 50c, postpaid.

A Home Nursery

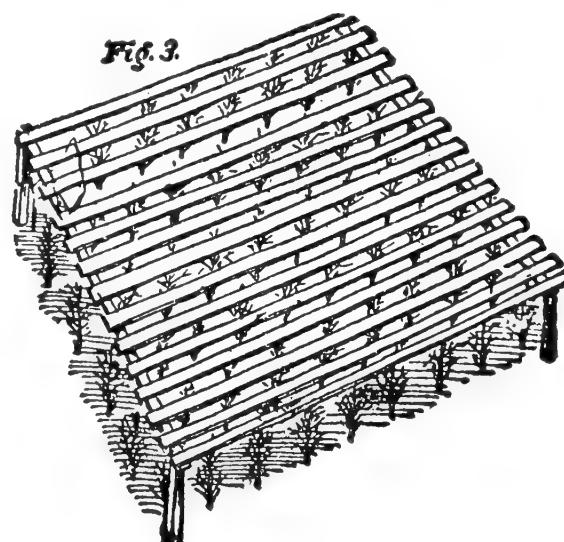
On a bit of land will be interesting and useful. Prepare the soil by deep plowing or spading. Choose a protected spot for beds. Make the seed beds 4 feet wide and cover with lath shade. Seedlings do better the first year under lath shade. Transplanted trees plant in rows so they can be cultivated and hoed. This makes them grow. Have some sterile sand for evergreen seed beds. During dry weather both old and young evergreens are greatly benefited if the foliage is sprayed with water late in the day. Cultural directions enclosed with every order cover all these points thoroughly.



By using a board 6 feet long and 3 or 4 inches wide, a straight row is easily laid out. With a sharp spade dig a trench as shown. Plant the trees, spreading the roots out carefully and immediately filling in with dirt. It is important that the small evergreens be planted about the same depth as in the nursery. This depth is easily determined from the stem of the tree.



When the planting is completed a shade should be immediately constructed and placed in position to protect the trees from the severe sun the first season.



Lath shade used for shading evergreen seeds and small trees planted under lath. Also used for many perennial flower seeds. Lath spaced 1 inch apart, 4 feet wide, 12 inches high.

HORMONE POWDER FOR BETTER CROPS

Clean the seed before planting. About 200 diseases affecting plants can be spread by spores present on seeds. Seed disinfection helps to prevent seed-borne diseases. Ramex Hormone is a scientific growth stimulant and seed disinfectant.

Flower, Vegetable, Ornamental Seeds. Dust seeds before sowing. Inoculates seed with hormones and vitamins. Helps prevent damping off and seed decay. Stimulates seedlings into stronger growth at the most critical period. A pinch for a packet of seeds.

Tree Seeds. Ramex Hormone kills with no guess work fungi or moulds which are carried on the hull of the seed and which attack the seedling after it germinates.

Lawn Seed. Plants from hormone-treated grass seed have nearly three times the root strength of plants from untreated seed.

Cuttings. Ornamental, deciduous and evergreen cuttings are dipped into the powder about one-half inch and then placed in rooting medium. Yew cuttings made in June hormone-treated, rooted 93 per cent.

Bulbs. Lillies, gladiolus and the like break dormancy more uniformly and develop more roots with hormone pre-dusting. Onion sets dusted, showed splendid results over untreated sets, in rows side by side.

Directions. One ounce treats a bushel of corn or small grain. One ounce is ample for treating all seeds for a large garden. Always mix thoroughly dry, never wet. Never use as a spray.

Note. When our supply of 3 oz. tins is exhausted, it may be impossible to obtain more due to shortage of tin. We will then have to pack the 3 oz. size into large packets.

Prices: $\frac{1}{4}$ oz. pkt. 25c, 1 oz. pkt. 50c, 3 oz. tin \$1.00, 1 lb. tin \$4.00, postpaid. The cost is small, the benefits large.

PLANT STIM

This is a complete Hormone, for treating of transplants of all kinds. Besides containing root forming Hormones and Vitamin B-1 and other members of the Vitamin B-1 complex which are important in plant growth, it has fungicidal value. Stimulates quick growth of transplants and prevents wilt. 3 oz. 50c, 1 lb. \$2.00.

TRANSPLANTONE

For treatment of transplants of all kinds. Contains the root forming hormones, vitamin B-1. Price $\frac{1}{2}$ oz. 25c, 3 oz. \$1.00, 1 lb. \$4.00.

CORNUS FLORIDA RUBRA (Pink Flowering Dogwood)

This is a grafted tree. The flowers are a beautiful shade of pink. Does well in shade. The tree blossoms profusely when 3 feet tall. This is a richly colored and very beautiful tree for any yard. 18 to 24 inch transplants, \$1.25 each, 4 for \$4.50, postpaid. Heavy 2-3 ft. size, \$2.50 each.

FLORIDA PLENA (Double Flowering Dogwood)

One of the showiest of the Dogwoods, this double flowering variety blooms freely about ten days later than the common white. The flowers are large and double. Trees bloom at a younger age than the common white or the pink Dogwoods. 20 feet. 18 to 24 inch \$1.60 each, 5 for \$7.50. Heavy 2 to 3 ft. size \$2.75 each.

AMERICAN BITTERSWEET

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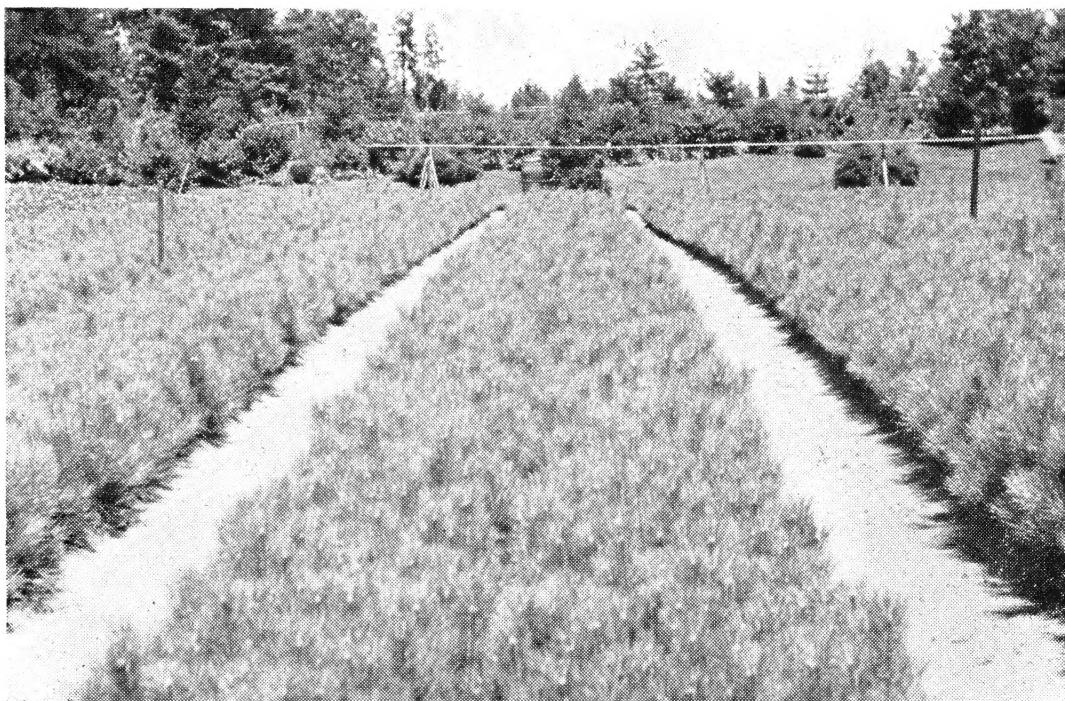
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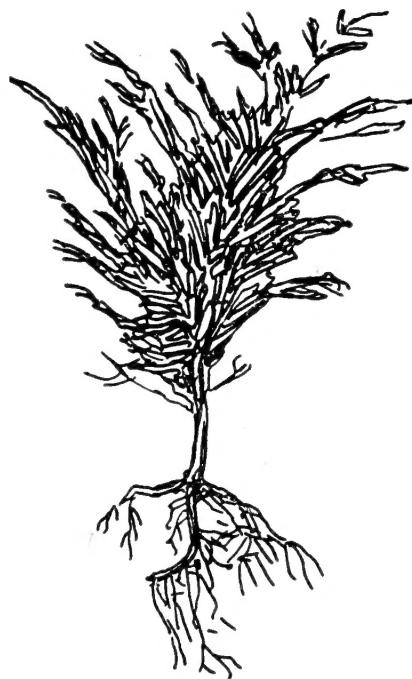
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